

Table 1  
 Surfacewater Analytical Data - Region 6  
 Upper Animas River

| Analyte                 | CAS.NO    | Units |         |     | Location  | Aztec Water Intake |
|-------------------------|-----------|-------|---------|-----|-----------|--------------------|
|                         |           |       |         |     | Sample ID | Aztec Water Intake |
|                         |           |       |         |     | Date      | 8/6/2015           |
|                         |           |       |         |     |           |                    |
| Recreationa Agriculture |           |       |         |     |           |                    |
| Metals, Dissolved       |           |       | I RSL e |     |           |                    |
| Aluminum, Dissolved     | 7429-90-5 | mg/l  | 170000  |     | --        | 0.041 J            |
| Antimony, Dissolved     | 7440-36-0 | mg/l  |         |     | --        | 0.0012 J           |
| Arsenic, Dissolved      | 7440-38-2 | mg/l  | 50      | 100 | --        | 0.0005             |
| Barium, Dissolved       | 7440-39-3 | mg/l  | 33000   |     | --        | 0.075              |
| Beryllium, Dissolved    | 7440-41-7 | mg/l  | 330     | 100 | --        | < 0.00002 U        |
| Cadmium, Dissolved      | 7440-43-9 | mg/l  | 83      | 10  | --        | 0.00003 J          |
| Calcium, Dissolved      | 7440-70-2 | mg/l  |         |     | --        | 59.1               |
| Chromium, Dissolved     | 7440-47-3 | mg/l  | 210000  | 100 | --        | 0.0036             |
| Cobalt, Dissolved       | 7440-48-4 | mg/l  | 50      |     | --        | 0.0001             |
| Copper, Dissolved       | 7440-50-8 | mg/l  | 6700    | 100 | --        | 0.0014             |
| Iron, Dissolved         | 7439-89-6 | mg/l  | 120000  |     | --        | 0.005 J            |
| Lead, Dissolved         | 7439-92-1 | mg/l  | 200     | 100 | --        | 0.00006 J          |
| Magnesium, Dissolved    | 7439-95-4 | mg/l  |         |     | --        | 9.16               |
| Manganese, Dissolved    | 7439-96-5 | mg/l  | 7800    | 200 | --        | 0.029              |
| Mercury, Dissolved      | 7439-97-6 | mg/l  |         |     | --        | 0.00007 J          |
| Molybdenum, Dissolved   | 7439-98-7 | mg/l  |         |     | --        | 0.0012             |
| Nickel, Dissolved       | 7440-02-0 | mg/l  | 330     | 200 | --        | 0.0022             |
| Potassium, Dissolved    | 7440-09-7 | mg/l  |         |     | --        | 2.33               |
| Selenium, Dissolved     | 7782-49-2 | mg/l  |         | 20  | --        | 0.0006 J           |
| Silver, Dissolved       | 7440-22-4 | mg/l  |         |     | --        | < 0.00003 U        |
| Sodium, Dissolved       | 7440-23-5 | mg/l  |         |     | --        | 16                 |
| Thallium, Dissolved     | 7440-28-0 | mg/l  | 1.7     |     | --        | 0.0001             |
| Vanadium, Dissolved     | 7440-62-2 | mg/l  | 830     |     | --        | 0.0012             |
| Zinc, Dissolved         | 7440-66-6 | mg/l  | 50000   |     | --        | 0.026 J            |
| Metals, Total           |           |       |         |     |           |                    |
| Aluminum, Total         | 7429-90-5 | mg/l  |         |     | --        | 0.982              |
| Antimony, Total         | 7440-36-0 | mg/l  |         |     | --        | 0.0007             |
| Arsenic, Total          | 7440-38-2 | mg/l  |         |     | --        | 0.0009             |
| Barium, Total           | 7440-39-3 | mg/l  |         |     | --        | 0.0977             |
| Beryllium, Total        | 7440-41-7 | mg/l  |         |     | --        | 0.00009 J          |
| Cadmium, Total          | 7440-43-9 | mg/l  |         |     | --        | 0.0002             |
| Calcium, Total          | 7440-70-2 | mg/l  |         |     | --        | 59.9               |
| Chromium, Total         | 7440-47-3 | mg/l  |         |     | --        | 0.0004 J           |
| Cobalt, Total           | 7440-48-4 | mg/l  |         |     | --        | 0.0007             |
| Copper, Total           | 7440-50-8 | mg/l  |         |     | --        | 0.0044             |
| Iron, Total             | 7439-89-6 | mg/l  |         |     | --        | 0.977              |
| Lead, Total             | 7439-92-1 | mg/l  |         |     | --        | 0.005              |
| Magnesium, Total        | 7439-95-4 | mg/l  |         |     | --        | 9.39               |
| Manganese, Total        | 7439-96-5 | mg/l  |         |     | --        | 0.12               |
| Mercury, Total          | 7439-97-6 | mg/l  |         |     | --        | < 0.00002 U        |
| Molybdenum, Total       | 7439-98-7 | mg/l  |         |     | --        | 0.0012             |
| Nickel, Total           | 7440-02-0 | mg/l  |         |     | --        | 0.0029             |

Table 1  
 Surfacewater Analytical Data - Region 6  
 Upper Animas River

|                        |            |      |  |  |    |                        |            |
|------------------------|------------|------|--|--|----|------------------------|------------|
| Potassium, Total       | 7440-09-7  | mg/l |  |  | -- | Potassium, Total       | 7440-09-7  |
| Selenium, Total        | 7782-49-2  | mg/l |  |  | -- | Selenium, Total        | 7782-49-2  |
| Silver, Total          | 7440-22-4  | mg/l |  |  | -- | Silver, Total          | 7440-22-4  |
| Sodium, Total          | 7440-23-5  | mg/l |  |  | -- | Sodium, Total          | 7440-23-5  |
| Thallium, Total        | 7440-28-0  | mg/l |  |  | -- | Thallium, Total        | 7440-28-0  |
| Vanadium, Total        | 7440-62-2  | mg/l |  |  | -- | Vanadium, Total        | 7440-62-2  |
| Zinc, Total            | 7440-66-6  | mg/l |  |  | -- | Zinc, Total            | 7440-66-6  |
| <b>General</b>         |            |      |  |  |    | <b>General</b>         |            |
| Alkalinity             | STL00171   | mg/L |  |  | -- | Alkalinity             | STL00171   |
| Chloride               | 16887-00-6 | mg/L |  |  | -- | Chloride               | 16887-00-6 |
| Fluoride               | 16984-48-8 | mg/L |  |  | -- | Fluoride               | 16984-48-8 |
| Nitrate as N           | 14797-55-8 | mg/L |  |  | -- | Nitrate as N           | 14797-55-8 |
| pH                     | STL00204   | SU   |  |  | -- | pH                     | STL00204   |
| Sulfate                | 14808-79-8 | mg/L |  |  | -- | Sulfate                | 14808-79-8 |
| Total Dissolved Solids | STL00242   | mg/L |  |  | -- | Total Dissolved Solids | STL00242   |
| Total Hardness         | STL00009   | mg/L |  |  | -- | Total Hardness         | STL00009   |
| Total Suspended Solids | STL00161   | mg/L |  |  | -- | Total Suspended Solids | STL00161   |

**Bold - Bolded results identify a detected value.**

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL) - Data Estimated qualifier (also applied to all

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

Highlighted cells denote results that exceed the lowest benchmark value

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Highlighted cells denote results that exceed the lowest benchmark value

Table 1  
 Surfacewater Analytical Data - Region 6  
 Upper Animas River

| Units                   |        |     | Location  | Aztec Water Intake | Farmington Water Intake | ADWS-IT1           |
|-------------------------|--------|-----|-----------|--------------------|-------------------------|--------------------|
|                         |        |     | Sample ID | Aztec Water Intake | Farmington Water Intake | ADWS-IT1-150807-21 |
|                         |        |     | Date      | 8/6/2015           | 8/6/2015                | 8/7/2015           |
|                         |        |     |           |                    |                         |                    |
| Recreationa Agriculture |        |     |           |                    |                         |                    |
| IRSL                    |        |     |           |                    |                         |                    |
| mg/l                    | 170000 |     | --        | 0.041 J            | 0.044 J                 | 0.032 J            |
| mg/l                    |        |     | --        | 0.0012 J           | 0.0007 J                | < 0.001 U          |
| mg/l                    | 50     | 100 | --        | 0.0005             | 0.0006                  | 0.00052 J          |
| mg/l                    | 33000  |     | --        | 0.075              | 0.0698                  | 0.066              |
| mg/l                    | 330    | 100 | --        | < 0.00002 U        | < 0.00002 U             | < 0.0004 U         |
| mg/l                    | 83     | 10  | --        | 0.00003 J          | 0.00002 J               | < 0.0001 U         |
| mg/l                    |        |     | --        | 59.1               | 62                      | 58                 |
| mg/l                    | 210000 | 100 | --        | 0.0036             | 0.0035                  | < 0.002 U          |
| mg/l                    | 50     |     | --        | 0.0001             | 0.0002                  | 0.00012 J          |
| mg/l                    | 6700   | 100 | --        | 0.0014             | 0.0014                  | 0.001              |
| mg/l                    | 120000 |     | --        | 0.005 J            | < 0.003 U               | < 0.05 U           |
| mg/l                    | 200    | 100 | --        | 0.00006 J          | 0.00005 J               | < 0.0003 U         |
| mg/l                    |        |     | --        | 9.16               | 9.58                    | 8.5                |
| mg/l                    | 7800   | 200 | --        | 0.029              | 0.036                   | 0.0071             |
| mg/l                    |        |     | --        | 0.00007 J          | 0.00003 J               | < 0.0002 U         |
| mg/l                    |        |     | --        | 0.0012             | 0.0012                  | 0.001              |
| mg/l                    | 330    | 200 | --        | 0.0022             | 0.0021                  | 0.0014             |
| mg/l                    |        |     | --        | 2.33               | 2.54                    | 2.2                |
| mg/l                    |        | 20  | --        | 0.0006 J           | 0.0007 J                | < 0.002 U          |
| mg/l                    |        |     | --        | < 0.00003 U        | < 0.00003 U             | < 0.001 U          |
| mg/l                    |        |     | --        | 16                 | 19.8                    | 14                 |
| mg/l                    | 1.7    |     | --        | 0.0001             | 0.0001                  | < 0.0002 U         |
| mg/l                    | 830    |     | --        | 0.0012             | 0.0014                  | 0.00032 J          |
| mg/l                    | 50000  |     | --        | 0.026 J            | 0.027 J                 | < 0.02 U           |
|                         |        |     |           |                    |                         |                    |
| mg/l                    |        |     | --        | 0.982              | 2.53                    | 0.6                |
| mg/l                    |        |     | --        | 0.0007             | 0.0003 J                | < 0.001 U          |
| mg/l                    |        |     | --        | 0.0009             | 0.0011                  | 0.00061 J          |
| mg/l                    |        |     | --        | 0.0977             | 0.0987                  | 0.071              |
| mg/l                    |        |     | --        | 0.00009 J          | 0.0002 J                | < 0.0004 U         |
| mg/l                    |        |     | --        | 0.0002             | 0.0002                  | 0.000099 J         |
| mg/l                    |        |     | --        | 59.9               | 63.1                    | 58                 |
| mg/l                    |        |     | --        | 0.0004 J           | 0.0011                  | < 0.002 U          |
| mg/l                    |        |     | --        | 0.0007             | 0.0011                  | 0.00032 J          |
| mg/l                    |        |     | --        | 0.0044             | 0.0055                  | 0.0024             |
| mg/l                    |        |     | --        | 0.977              | 2.06                    | 0.48               |
| mg/l                    |        |     | --        | 0.005              | 0.006                   | 0.002              |
| mg/l                    |        |     | --        | 9.39               | 9.88                    | 8.5                |
| mg/l                    |        |     | --        | 0.12               | 0.158                   | 0.06               |
| mg/l                    |        |     | --        | < 0.00002 U        | < 0.00002 U             | < 0.0002 U         |
| mg/l                    |        |     | --        | 0.0012             | 0.0011                  | 0.0011             |
| mg/l                    |        |     | --        | 0.0029             | 0.0038                  | 0.0016             |

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 Upper Animas River

|                        |            |      |  |  |    |      |  |  |
|------------------------|------------|------|--|--|----|------|--|--|
| Potassium, Total       | 7440-09-7  | mg/l |  |  | -- | mg/l |  |  |
| Selenium, Total        | 7782-49-2  | mg/l |  |  | -- | mg/l |  |  |
| Silver, Total          | 7440-22-4  | mg/l |  |  | -- | mg/l |  |  |
| Sodium, Total          | 7440-23-5  | mg/l |  |  | -- | mg/l |  |  |
| Thallium, Total        | 7440-28-0  | mg/l |  |  | -- | mg/l |  |  |
| Vanadium, Total        | 7440-62-2  | mg/l |  |  | -- | mg/l |  |  |
| Zinc, Total            | 7440-66-6  | mg/l |  |  | -- | mg/l |  |  |
| <b>General</b>         |            |      |  |  |    |      |  |  |
| Alkalinity             | STL00171   | mg/L |  |  | -- | mg/L |  |  |
| Chloride               | 16887-00-6 | mg/L |  |  | -- | mg/L |  |  |
| Fluoride               | 16984-48-8 | mg/L |  |  | -- | mg/L |  |  |
| Nitrate as N           | 14797-55-8 | mg/L |  |  | -- | mg/L |  |  |
| pH                     | STL00204   | SU   |  |  | -- | SU   |  |  |
| Sulfate                | 14808-79-8 | mg/L |  |  | -- | mg/L |  |  |
| Total Dissolved Solids | STL00242   | mg/L |  |  | -- | mg/L |  |  |
| Total Hardness         | STL00009   | mg/L |  |  | -- | mg/L |  |  |
| Total Suspended Solids | STL00161   | mg/L |  |  | -- | mg/L |  |  |

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**e.**

data less than PQL, greater than or equal to M

as reporting limit.

lifier

. Solids equivalent = mg/Kg.

Solids equivalent = ug/Kg

d the lowest benchmark value

| Location  | Aztec Water Intake | Farmington Water Intake | ADWS-IT1           | ADWS-IT1           |
|-----------|--------------------|-------------------------|--------------------|--------------------|
| Sample ID | Aztec Water Intake | Farmington Water Intake | ADWS-IT1-150807-21 | ADWS-IT1-150807-22 |
| Date      | 8/6/2015           | 8/6/2015                | 8/7/2015           | 8/7/2015           |
|           |                    |                         |                    |                    |

|    |             |             |            |            |
|----|-------------|-------------|------------|------------|
| -- | 0.041 J     | 0.044 J     | 0.032 J    | 0.034 J    |
| -- | 0.0012 J    | 0.0007 J    | < 0.001 U  | < 0.001 U  |
| -- | 0.0005      | 0.0006      | 0.00052 J  | 0.00057 J  |
| -- | 0.075       | 0.0698      | 0.066      | 0.066      |
| -- | < 0.00002 U | < 0.00002 U | < 0.0004 U | < 0.0004 U |
| -- | 0.00003 J   | 0.00002 J   | < 0.0001 U | < 0.0001 U |
| -- | 59.1        | 62          | 58         | 58         |
| -- | 0.0036      | 0.0035      | < 0.002 U  | < 0.002 U  |
| -- | 0.0001      | 0.0002      | 0.00012 J  | 0.00013 J  |
| -- | 0.0014      | 0.0014      | 0.001      | 0.0011     |
| -- | 0.005 J     | < 0.003 U   | < 0.05 U   | < 0.05 U   |
| -- | 0.00006 J   | 0.00005 J   | < 0.0003 U | < 0.0003 U |
| -- | 9.16        | 9.58        | 8.5        | 8.5        |
| -- | 0.029       | 0.036       | 0.0071     | 0.0078     |
| -- | 0.00007 J   | 0.00003 J   | < 0.0002 U | < 0.0002 U |
| -- | 0.0012      | 0.0012      | 0.001      | 0.0011     |
| -- | 0.0022      | 0.0021      | 0.0014     | 0.0014     |
| -- | 2.33        | 2.54        | 2.2        | 2.2        |
| -- | 0.0006 J    | 0.0007 J    | < 0.002 U  | < 0.002 U  |
| -- | < 0.00003 U | < 0.00003 U | < 0.001 U  | < 0.001 U  |
| -- | 16          | 19.8        | 14         | 14         |
| -- | 0.0001      | 0.0001      | < 0.0002 U | < 0.0002 U |
| -- | 0.0012      | 0.0014      | 0.00032 J  | < 0.001 U  |
| -- | 0.026 J     | 0.027 J     | < 0.02 U   | < 0.02 U   |

|    |             |             |            |            |
|----|-------------|-------------|------------|------------|
| -- | 0.982       | 2.53        | 0.6        | 0.66       |
| -- | 0.0007      | 0.0003 J    | < 0.001 U  | < 0.001 U  |
| -- | 0.0009      | 0.0011      | 0.00061 J  | 0.00084 J  |
| -- | 0.0977      | 0.0987      | 0.071      | 0.072      |
| -- | 0.00009 J   | 0.0002 J    | < 0.0004 U | < 0.0004 U |
| -- | 0.0002      | 0.0002      | 0.000099 J | 0.00011    |
| -- | 59.9        | 63.1        | 58         | 58         |
| -- | 0.0004 J    | 0.0011      | < 0.002 U  | < 0.002 U  |
| -- | 0.0007      | 0.0011      | 0.00032 J  | 0.00035 J  |
| -- | 0.0044      | 0.0055      | 0.0024     | 0.0027     |
| -- | 0.977       | 2.06        | 0.48       | 0.53       |
| -- | 0.005       | 0.006       | 0.002      | 0.0022     |
| -- | 9.39        | 9.88        | 8.5        | 8.5        |
| -- | 0.12        | 0.158       | 0.06       | 0.065      |
| -- | < 0.00002 U | < 0.00002 U | < 0.0002 U | < 0.0002 U |
| -- | 0.0012      | 0.0011      | 0.0011     | 0.001      |
| -- | 0.0029      | 0.0038      | 0.0016     | 0.0018     |

Table 1  
 Surfacewater Analytical Data - Region 6  
 Upper Animas River

|                        |            |      |  |  |    |    |                 |
|------------------------|------------|------|--|--|----|----|-----------------|
| Potassium, Total       | 7440-09-7  | mg/l |  |  | -- | -- | <b>2.68</b>     |
| Selenium, Total        | 7782-49-2  | mg/l |  |  | -- | -- | <b>0.0004 J</b> |
| Silver, Total          | 7440-22-4  | mg/l |  |  | -- | -- | < 0.00003 U     |
| Sodium, Total          | 7440-23-5  | mg/l |  |  | -- | -- | <b>15.9</b>     |
| Thallium, Total        | 7440-28-0  | mg/l |  |  | -- | -- | <b>0.0001</b>   |
| Vanadium, Total        | 7440-62-2  | mg/l |  |  | -- | -- | <b>0.0017</b>   |
| Zinc, Total            | 7440-66-6  | mg/l |  |  | -- | -- | <b>0.059</b>    |
| <b>General</b>         |            |      |  |  |    |    |                 |
| Alkalinity             | STL00171   | mg/L |  |  | -- | -- |                 |
| Chloride               | 16887-00-6 | mg/L |  |  | -- | -- |                 |
| Fluoride               | 16984-48-8 | mg/L |  |  | -- | -- |                 |
| Nitrate as N           | 14797-55-8 | mg/L |  |  | -- | -- |                 |
| pH                     | STL00204   | SU   |  |  | -- | -- |                 |
| Sulfate                | 14808-79-8 | mg/L |  |  | -- | -- |                 |
| Total Dissolved Solids | STL00242   | mg/L |  |  | -- | -- |                 |
| Total Hardness         | STL00009   | mg/L |  |  | -- | -- |                 |
| Total Suspended Solids | STL00161   | mg/L |  |  | -- | -- |                 |

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| Analyte                   | CAS.NO    | Units |        |     | Location  | Farmington Water Intake |
|---------------------------|-----------|-------|--------|-----|-----------|-------------------------|
|                           |           |       |        |     | Sample ID | Farmington Water Intake |
|                           |           |       |        |     | Date      | 8/6/2015                |
|                           |           |       |        |     |           |                         |
| Recreationa Agriculture   |           |       |        |     |           |                         |
| Metals, Dissolved I RSL e |           |       |        |     |           |                         |
| Aluminum, Dissolved       | 7429-90-5 | mg/l  | 170000 |     | --        | 0.044 J                 |
| Antimony, Dissolved       | 7440-36-0 | mg/l  |        |     | --        | 0.0007 J                |
| Arsenic, Dissolved        | 7440-38-2 | mg/l  | 50     | 100 | --        | 0.0006                  |
| Barium, Dissolved         | 7440-39-3 | mg/l  | 33000  |     | --        | 0.0698                  |
| Beryllium, Dissolved      | 7440-41-7 | mg/l  | 330    | 100 | --        | < 0.00002 U             |
| Cadmium, Dissolved        | 7440-43-9 | mg/l  | 83     | 10  | --        | 0.00002 J               |
| Calcium, Dissolved        | 7440-70-2 | mg/l  |        |     | --        | 62                      |
| Chromium, Dissolved       | 7440-47-3 | mg/l  | 210000 | 100 | --        | 0.0035                  |
| Cobalt, Dissolved         | 7440-48-4 | mg/l  | 50     |     | --        | 0.0002                  |
| Copper, Dissolved         | 7440-50-8 | mg/l  | 6700   | 100 | --        | 0.0014                  |
| Iron, Dissolved           | 7439-89-6 | mg/l  | 120000 |     | --        | < 0.003 U               |
| Lead, Dissolved           | 7439-92-1 | mg/l  | 200    | 100 | --        | 0.00005 J               |
| Magnesium, Dissolved      | 7439-95-4 | mg/l  |        |     | --        | 9.58                    |
| Manganese, Dissolved      | 7439-96-5 | mg/l  | 7800   | 200 | --        | 0.036                   |
| Mercury, Dissolved        | 7439-97-6 | mg/l  |        |     | --        | 0.00003 J               |
| Molybdenum, Dissolved     | 7439-98-7 | mg/l  |        |     | --        | 0.0012                  |
| Nickel, Dissolved         | 7440-02-0 | mg/l  | 330    | 200 | --        | 0.0021                  |
| Potassium, Dissolved      | 7440-09-7 | mg/l  |        |     | --        | 2.54                    |
| Selenium, Dissolved       | 7782-49-2 | mg/l  |        | 20  | --        | 0.0007 J                |
| Silver, Dissolved         | 7440-22-4 | mg/l  |        |     | --        | < 0.00003 U             |
| Sodium, Dissolved         | 7440-23-5 | mg/l  |        |     | --        | 19.8                    |
| Thallium, Dissolved       | 7440-28-0 | mg/l  | 1.7    |     | --        | 0.0001                  |
| Vanadium, Dissolved       | 7440-62-2 | mg/l  | 830    |     | --        | 0.0014                  |
| Zinc, Dissolved           | 7440-66-6 | mg/l  | 50000  |     | --        | 0.027 J                 |
| Metals, Total             |           |       |        |     |           |                         |
| Aluminum, Total           | 7429-90-5 | mg/l  |        |     | --        | 2.53                    |
| Antimony, Total           | 7440-36-0 | mg/l  |        |     | --        | 0.0003 J                |
| Arsenic, Total            | 7440-38-2 | mg/l  |        |     | --        | 0.0011                  |
| Barium, Total             | 7440-39-3 | mg/l  |        |     | --        | 0.0987                  |
| Beryllium, Total          | 7440-41-7 | mg/l  |        |     | --        | 0.0002 J                |
| Cadmium, Total            | 7440-43-9 | mg/l  |        |     | --        | 0.0002                  |
| Calcium, Total            | 7440-70-2 | mg/l  |        |     | --        | 63.1                    |
| Chromium, Total           | 7440-47-3 | mg/l  |        |     | --        | 0.0011                  |
| Cobalt, Total             | 7440-48-4 | mg/l  |        |     | --        | 0.0011                  |
| Copper, Total             | 7440-50-8 | mg/l  |        |     | --        | 0.0055                  |
| Iron, Total               | 7439-89-6 | mg/l  |        |     | --        | 2.06                    |
| Lead, Total               | 7439-92-1 | mg/l  |        |     | --        | 0.006                   |
| Magnesium, Total          | 7439-95-4 | mg/l  |        |     | --        | 9.88                    |
| Manganese, Total          | 7439-96-5 | mg/l  |        |     | --        | 0.158                   |
| Mercury, Total            | 7439-97-6 | mg/l  |        |     | --        | < 0.00002 U             |
| Molybdenum, Total         | 7439-98-7 | mg/l  |        |     | --        | 0.0011                  |
| Nickel, Total             | 7440-02-0 | mg/l  |        |     | --        | 0.0038                  |

Table 1  
 Surfacewater Analytical Data - Region 6  
 Upper Animas River

|                        |            |      |  |  |    |                 |
|------------------------|------------|------|--|--|----|-----------------|
| Potassium, Total       | 7440-09-7  | mg/l |  |  | -- | <b>3.01</b>     |
| Selenium, Total        | 7782-49-2  | mg/l |  |  | -- | <b>0.0004 J</b> |
| Silver, Total          | 7440-22-4  | mg/l |  |  | -- | < 0.00003 U     |
| Sodium, Total          | 7440-23-5  | mg/l |  |  | -- | <b>19.8</b>     |
| Thallium, Total        | 7440-28-0  | mg/l |  |  | -- | <b>0.0001</b>   |
| Vanadium, Total        | 7440-62-2  | mg/l |  |  | -- | <b>0.0036</b>   |
| Zinc, Total            | 7440-66-6  | mg/l |  |  | -- | <b>0.062</b>    |
| <b>General</b>         |            |      |  |  |    |                 |
| Alkalinity             | STL00171   | mg/L |  |  | -- |                 |
| Chloride               | 16887-00-6 | mg/L |  |  | -- |                 |
| Fluoride               | 16984-48-8 | mg/L |  |  | -- |                 |
| Nitrate as N           | 14797-55-8 | mg/L |  |  | -- |                 |
| pH                     | STL00204   | SU   |  |  | -- |                 |
| Sulfate                | 14808-79-8 | mg/L |  |  | -- |                 |
| Total Dissolved Solids | STL00242   | mg/L |  |  | -- |                 |
| Total Hardness         | STL00009   | mg/L |  |  | -- |                 |
| Total Suspended Solids | STL00161   | mg/L |  |  | -- |                 |

**Bold - Bolded results identify a detected value.**

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

Highlighted cells denote results that exceed the lowest benchmark value



Table 1  
 Surfacewater Analytical Data - Region 6  
 Upper Animas River

| Analyte                   | CAS.NO    | Units |        |     | Location  | ADWS-IT1           |
|---------------------------|-----------|-------|--------|-----|-----------|--------------------|
|                           |           |       |        |     | Sample ID | ADWS-IT1-150807-21 |
|                           |           |       |        |     | Date      | 8/7/2015           |
|                           |           |       |        |     |           |                    |
| Recreationa Agriculture   |           |       |        |     |           |                    |
| Metals, Dissolved I RSL e |           |       |        |     |           |                    |
| Aluminum, Dissolved       | 7429-90-5 | mg/l  | 170000 |     | --        | 0.032 J            |
| Antimony, Dissolved       | 7440-36-0 | mg/l  |        |     | --        | < 0.001 U          |
| Arsenic, Dissolved        | 7440-38-2 | mg/l  | 50     | 100 | --        | 0.00052 J          |
| Barium, Dissolved         | 7440-39-3 | mg/l  | 33000  |     | --        | 0.066              |
| Beryllium, Dissolved      | 7440-41-7 | mg/l  | 330    | 100 | --        | < 0.0004 U         |
| Cadmium, Dissolved        | 7440-43-9 | mg/l  | 83     | 10  | --        | < 0.0001 U         |
| Calcium, Dissolved        | 7440-70-2 | mg/l  |        |     | --        | 58                 |
| Chromium, Dissolved       | 7440-47-3 | mg/l  | 210000 | 100 | --        | < 0.002 U          |
| Cobalt, Dissolved         | 7440-48-4 | mg/l  | 50     |     | --        | 0.00012 J          |
| Copper, Dissolved         | 7440-50-8 | mg/l  | 6700   | 100 | --        | 0.001              |
| Iron, Dissolved           | 7439-89-6 | mg/l  | 120000 |     | --        | < 0.05 U           |
| Lead, Dissolved           | 7439-92-1 | mg/l  | 200    | 100 | --        | < 0.0003 U         |
| Magnesium, Dissolved      | 7439-95-4 | mg/l  |        |     | --        | 8.5                |
| Manganese, Dissolved      | 7439-96-5 | mg/l  | 7800   | 200 | --        | 0.0071             |
| Mercury, Dissolved        | 7439-97-6 | mg/l  |        |     | --        | < 0.0002 U         |
| Molybdenum, Dissolved     | 7439-98-7 | mg/l  |        |     | --        | 0.001              |
| Nickel, Dissolved         | 7440-02-0 | mg/l  | 330    | 200 | --        | 0.0014             |
| Potassium, Dissolved      | 7440-09-7 | mg/l  |        |     | --        | 2.2                |
| Selenium, Dissolved       | 7782-49-2 | mg/l  |        | 20  | --        | < 0.002 U          |
| Silver, Dissolved         | 7440-22-4 | mg/l  |        |     | --        | < 0.001 U          |
| Sodium, Dissolved         | 7440-23-5 | mg/l  |        |     | --        | 14                 |
| Thallium, Dissolved       | 7440-28-0 | mg/l  | 1.7    |     | --        | < 0.0002 U         |
| Vanadium, Dissolved       | 7440-62-2 | mg/l  | 830    |     | --        | 0.00032 J          |
| Zinc, Dissolved           | 7440-66-6 | mg/l  | 50000  |     | --        | < 0.02 U           |
| Metals, Total             |           |       |        |     |           |                    |
| Aluminum, Total           | 7429-90-5 | mg/l  |        |     | --        | 0.6                |
| Antimony, Total           | 7440-36-0 | mg/l  |        |     | --        | < 0.001 U          |
| Arsenic, Total            | 7440-38-2 | mg/l  |        |     | --        | 0.00061 J          |
| Barium, Total             | 7440-39-3 | mg/l  |        |     | --        | 0.071              |
| Beryllium, Total          | 7440-41-7 | mg/l  |        |     | --        | < 0.0004 U         |
| Cadmium, Total            | 7440-43-9 | mg/l  |        |     | --        | 0.000099 J         |
| Calcium, Total            | 7440-70-2 | mg/l  |        |     | --        | 58                 |
| Chromium, Total           | 7440-47-3 | mg/l  |        |     | --        | < 0.002 U          |
| Cobalt, Total             | 7440-48-4 | mg/l  |        |     | --        | 0.00032 J          |
| Copper, Total             | 7440-50-8 | mg/l  |        |     | --        | 0.0024             |
| Iron, Total               | 7439-89-6 | mg/l  |        |     | --        | 0.48               |
| Lead, Total               | 7439-92-1 | mg/l  |        |     | --        | 0.002              |
| Magnesium, Total          | 7439-95-4 | mg/l  |        |     | --        | 8.5                |
| Manganese, Total          | 7439-96-5 | mg/l  |        |     | --        | 0.06               |
| Mercury, Total            | 7439-97-6 | mg/l  |        |     | --        | < 0.0002 U         |
| Molybdenum, Total         | 7439-98-7 | mg/l  |        |     | --        | 0.0011             |
| Nickel, Total             | 7440-02-0 | mg/l  |        |     | --        | 0.0016             |

Table 1  
 Surfacewater Analytical Data - Region 6  
 Upper Animas River

|                        |            |      |  |  |    |                  |
|------------------------|------------|------|--|--|----|------------------|
| Potassium, Total       | 7440-09-7  | mg/l |  |  | -- | <b>2.3</b>       |
| Selenium, Total        | 7782-49-2  | mg/l |  |  | -- | < 0.002 U        |
| Silver, Total          | 7440-22-4  | mg/l |  |  | -- | < 0.001 U        |
| Sodium, Total          | 7440-23-5  | mg/l |  |  | -- | <b>14</b>        |
| Thallium, Total        | 7440-28-0  | mg/l |  |  | -- | <b>0.00015 J</b> |
| Vanadium, Total        | 7440-62-2  | mg/l |  |  | -- | <b>0.0008 J</b>  |
| Zinc, Total            | 7440-66-6  | mg/l |  |  | -- | <b>0.02</b>      |
| <b>General</b>         |            |      |  |  |    |                  |
| Alkalinity             | STL00171   | mg/L |  |  | -- | <b>92</b>        |
| Chloride               | 16887-00-6 | mg/L |  |  | -- |                  |
| Fluoride               | 16984-48-8 | mg/L |  |  | -- |                  |
| Nitrate as N           | 14797-55-8 | mg/L |  |  | -- |                  |
| pH                     | STL00204   | SU   |  |  | -- | <b>8.17 HF</b>   |
| Sulfate                | 14808-79-8 | mg/L |  |  | -- |                  |
| Total Dissolved Solids | STL00242   | mg/L |  |  | -- | <b>180</b>       |
| Total Hardness         | STL00009   | mg/L |  |  | -- | <b>23</b>        |
| Total Suspended Solids | STL00161   | mg/L |  |  | -- |                  |

**Bold - Bolded results identify a detected value.**

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

Highlighted cells denote results that exceed the lowest benchmark value

Table 1  
 Surfacewater Analytical Data - Region 6  
 Upper Animas River

| Analyte                   | CAS.NO    | Units |        |     | Location  | ADWS-IT1           |
|---------------------------|-----------|-------|--------|-----|-----------|--------------------|
|                           |           |       |        |     | Sample ID | ADWS-IT1-150807-22 |
|                           |           |       |        |     | Date      | 8/7/2015           |
|                           |           |       |        |     |           |                    |
| Recreationa Agriculture   |           |       |        |     |           |                    |
| Metals, Dissolved I RSL e |           |       |        |     |           |                    |
| Aluminum, Dissolved       | 7429-90-5 | mg/l  | 170000 |     | --        | 0.034 J            |
| Antimony, Dissolved       | 7440-36-0 | mg/l  |        |     | --        | < 0.001 U          |
| Arsenic, Dissolved        | 7440-38-2 | mg/l  | 50     | 100 | --        | 0.00057 J          |
| Barium, Dissolved         | 7440-39-3 | mg/l  | 33000  |     | --        | 0.066              |
| Beryllium, Dissolved      | 7440-41-7 | mg/l  | 330    | 100 | --        | < 0.0004 U         |
| Cadmium, Dissolved        | 7440-43-9 | mg/l  | 83     | 10  | --        | < 0.0001 U         |
| Calcium, Dissolved        | 7440-70-2 | mg/l  |        |     | --        | 58                 |
| Chromium, Dissolved       | 7440-47-3 | mg/l  | 210000 | 100 | --        | < 0.002 U          |
| Cobalt, Dissolved         | 7440-48-4 | mg/l  | 50     |     | --        | 0.00013 J          |
| Copper, Dissolved         | 7440-50-8 | mg/l  | 6700   | 100 | --        | 0.0011             |
| Iron, Dissolved           | 7439-89-6 | mg/l  | 120000 |     | --        | < 0.05 U           |
| Lead, Dissolved           | 7439-92-1 | mg/l  | 200    | 100 | --        | < 0.0003 U         |
| Magnesium, Dissolved      | 7439-95-4 | mg/l  |        |     | --        | 8.5                |
| Manganese, Dissolved      | 7439-96-5 | mg/l  | 7800   | 200 | --        | 0.0078             |
| Mercury, Dissolved        | 7439-97-6 | mg/l  |        |     | --        | < 0.0002 U         |
| Molybdenum, Dissolved     | 7439-98-7 | mg/l  |        |     | --        | 0.0011             |
| Nickel, Dissolved         | 7440-02-0 | mg/l  | 330    | 200 | --        | 0.0014             |
| Potassium, Dissolved      | 7440-09-7 | mg/l  |        |     | --        | 2.2                |
| Selenium, Dissolved       | 7782-49-2 | mg/l  |        | 20  | --        | < 0.002 U          |
| Silver, Dissolved         | 7440-22-4 | mg/l  |        |     | --        | < 0.001 U          |
| Sodium, Dissolved         | 7440-23-5 | mg/l  |        |     | --        | 14                 |
| Thallium, Dissolved       | 7440-28-0 | mg/l  | 1.7    |     | --        | < 0.0002 U         |
| Vanadium, Dissolved       | 7440-62-2 | mg/l  | 830    |     | --        | < 0.001 U          |
| Zinc, Dissolved           | 7440-66-6 | mg/l  | 50000  |     | --        | < 0.02 U           |
| Metals, Total             |           |       |        |     |           |                    |
| Aluminum, Total           | 7429-90-5 | mg/l  |        |     | --        | 0.66               |
| Antimony, Total           | 7440-36-0 | mg/l  |        |     | --        | < 0.001 U          |
| Arsenic, Total            | 7440-38-2 | mg/l  |        |     | --        | 0.00084 J          |
| Barium, Total             | 7440-39-3 | mg/l  |        |     | --        | 0.072              |
| Beryllium, Total          | 7440-41-7 | mg/l  |        |     | --        | < 0.0004 U         |
| Cadmium, Total            | 7440-43-9 | mg/l  |        |     | --        | 0.00011            |
| Calcium, Total            | 7440-70-2 | mg/l  |        |     | --        | 58                 |
| Chromium, Total           | 7440-47-3 | mg/l  |        |     | --        | < 0.002 U          |
| Cobalt, Total             | 7440-48-4 | mg/l  |        |     | --        | 0.00035 J          |
| Copper, Total             | 7440-50-8 | mg/l  |        |     | --        | 0.0027             |
| Iron, Total               | 7439-89-6 | mg/l  |        |     | --        | 0.53               |
| Lead, Total               | 7439-92-1 | mg/l  |        |     | --        | 0.0022             |
| Magnesium, Total          | 7439-95-4 | mg/l  |        |     | --        | 8.5                |
| Manganese, Total          | 7439-96-5 | mg/l  |        |     | --        | 0.065              |
| Mercury, Total            | 7439-97-6 | mg/l  |        |     | --        | < 0.0002 U         |
| Molybdenum, Total         | 7439-98-7 | mg/l  |        |     | --        | 0.001              |
| Nickel, Total             | 7440-02-0 | mg/l  |        |     | --        | 0.0018             |

Table 1  
 Surfacewater Analytical Data - Region 6  
 Upper Animas River

|                        |            |      |  |  |    |                  |
|------------------------|------------|------|--|--|----|------------------|
| Potassium, Total       | 7440-09-7  | mg/l |  |  | -- | <b>2.3</b>       |
| Selenium, Total        | 7782-49-2  | mg/l |  |  | -- | < 0.002 U        |
| Silver, Total          | 7440-22-4  | mg/l |  |  | -- | < 0.001 U        |
| Sodium, Total          | 7440-23-5  | mg/l |  |  | -- | <b>14</b>        |
| Thallium, Total        | 7440-28-0  | mg/l |  |  | -- | < 0.0002 U       |
| Vanadium, Total        | 7440-62-2  | mg/l |  |  | -- | <b>0.00094 J</b> |
| Zinc, Total            | 7440-66-6  | mg/l |  |  | -- | <b>0.021</b>     |
| <b>General</b>         |            |      |  |  |    |                  |
| Alkalinity             | STL00171   | mg/L |  |  | -- | <b>93</b>        |
| Chloride               | 16887-00-6 | mg/L |  |  | -- |                  |
| Fluoride               | 16984-48-8 | mg/L |  |  | -- |                  |
| Nitrate as N           | 14797-55-8 | mg/L |  |  | -- |                  |
| pH                     | STL00204   | SU   |  |  | -- | <b>8.26 HF</b>   |
| Sulfate                | 14808-79-8 | mg/L |  |  | -- |                  |
| Total Dissolved Solids | STL00242   | mg/L |  |  | -- | <b>180</b>       |
| Total Hardness         | STL00009   | mg/L |  |  | -- | <b>24</b>        |
| Total Suspended Solids | STL00161   | mg/L |  |  | -- |                  |

**Bold - Bolded results identify a detected value.**

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

Highlighted cells denote results that exceed the lowest benchmark value

Table 1  
 Surfacewater Analytical Data - Region 6  
 Upper Animas River

| Analyte                   | CAS.NO    | Units |        |     | Location  | ADWS-IT2           |
|---------------------------|-----------|-------|--------|-----|-----------|--------------------|
|                           |           |       |        |     | Sample ID | ADWS-IT2-150807-21 |
|                           |           |       |        |     | Date      | 8/7/2015           |
|                           |           |       |        |     |           |                    |
| Recreationa Agriculture   |           |       |        |     |           |                    |
| Metals, Dissolved I RSL e |           |       |        |     |           |                    |
| Aluminum, Dissolved       | 7429-90-5 | mg/l  | 170000 |     | --        | 0.03 J             |
| Antimony, Dissolved       | 7440-36-0 | mg/l  |        |     | --        | < 0.001 U          |
| Arsenic, Dissolved        | 7440-38-2 | mg/l  | 50     | 100 | --        | 0.00054 J          |
| Barium, Dissolved         | 7440-39-3 | mg/l  | 33000  |     | --        | 0.067              |
| Beryllium, Dissolved      | 7440-41-7 | mg/l  | 330    | 100 | --        | < 0.0004 U         |
| Cadmium, Dissolved        | 7440-43-9 | mg/l  | 83     | 10  | --        | < 0.0001 U         |
| Calcium, Dissolved        | 7440-70-2 | mg/l  |        |     | --        | 59                 |
| Chromium, Dissolved       | 7440-47-3 | mg/l  | 210000 | 100 | --        | < 0.002 U          |
| Cobalt, Dissolved         | 7440-48-4 | mg/l  | 50     |     | --        | 0.00013 J          |
| Copper, Dissolved         | 7440-50-8 | mg/l  | 6700   | 100 | --        | 0.0011             |
| Iron, Dissolved           | 7439-89-6 | mg/l  | 120000 |     | --        | < 0.05 U           |
| Lead, Dissolved           | 7439-92-1 | mg/l  | 200    | 100 | --        | 0.000061 J         |
| Magnesium, Dissolved      | 7439-95-4 | mg/l  |        |     | --        | 8.3                |
| Manganese, Dissolved      | 7439-96-5 | mg/l  | 7800   | 200 | --        | 0.0071             |
| Mercury, Dissolved        | 7439-97-6 | mg/l  |        |     | --        | < 0.0002 U         |
| Molybdenum, Dissolved     | 7439-98-7 | mg/l  |        |     | --        | 0.001              |
| Nickel, Dissolved         | 7440-02-0 | mg/l  | 330    | 200 | --        | 0.0014             |
| Potassium, Dissolved      | 7440-09-7 | mg/l  |        |     | --        | 2.2                |
| Selenium, Dissolved       | 7782-49-2 | mg/l  |        | 20  | --        | < 0.002 U          |
| Silver, Dissolved         | 7440-22-4 | mg/l  |        |     | --        | < 0.001 U          |
| Sodium, Dissolved         | 7440-23-5 | mg/l  |        |     | --        | 13                 |
| Thallium, Dissolved       | 7440-28-0 | mg/l  | 1.7    |     | --        | 0.00011 J          |
| Vanadium, Dissolved       | 7440-62-2 | mg/l  | 830    |     | --        | < 0.001 U          |
| Zinc, Dissolved           | 7440-66-6 | mg/l  | 50000  |     | --        | < 0.02 U           |
| Metals, Total             |           |       |        |     |           |                    |
| Aluminum, Total           | 7429-90-5 | mg/l  |        |     | --        | 0.54               |
| Antimony, Total           | 7440-36-0 | mg/l  |        |     | --        | < 0.001 U          |
| Arsenic, Total            | 7440-38-2 | mg/l  |        |     | --        | 0.00063 J          |
| Barium, Total             | 7440-39-3 | mg/l  |        |     | --        | 0.071              |
| Beryllium, Total          | 7440-41-7 | mg/l  |        |     | --        | < 0.0004 U         |
| Cadmium, Total            | 7440-43-9 | mg/l  |        |     | --        | 0.00011            |
| Calcium, Total            | 7440-70-2 | mg/l  |        |     | --        | 58                 |
| Chromium, Total           | 7440-47-3 | mg/l  |        |     | --        | < 0.002 U          |
| Cobalt, Total             | 7440-48-4 | mg/l  |        |     | --        | 0.0003 J           |
| Copper, Total             | 7440-50-8 | mg/l  |        |     | --        | 0.0023             |
| Iron, Total               | 7439-89-6 | mg/l  |        |     | --        | 0.42               |
| Lead, Total               | 7439-92-1 | mg/l  |        |     | --        | 0.0017             |
| Magnesium, Total          | 7439-95-4 | mg/l  |        |     | --        | 8.2                |
| Manganese, Total          | 7439-96-5 | mg/l  |        |     | --        | 0.053              |
| Mercury, Total            | 7439-97-6 | mg/l  |        |     | --        | < 0.0002 U         |
| Molybdenum, Total         | 7439-98-7 | mg/l  |        |     | --        | 0.001              |
| Nickel, Total             | 7440-02-0 | mg/l  |        |     | --        | 0.0016             |

Table 1  
 Surfacewater Analytical Data - Region 6  
 Upper Animas River

|                        |            |      |  |  |    |                  |
|------------------------|------------|------|--|--|----|------------------|
| Potassium, Total       | 7440-09-7  | mg/l |  |  | -- | <b>2.3</b>       |
| Selenium, Total        | 7782-49-2  | mg/l |  |  | -- | < 0.002 U        |
| Silver, Total          | 7440-22-4  | mg/l |  |  | -- | < 0.001 U        |
| Sodium, Total          | 7440-23-5  | mg/l |  |  | -- | <b>13</b>        |
| Thallium, Total        | 7440-28-0  | mg/l |  |  | -- | < 0.0002 U       |
| Vanadium, Total        | 7440-62-2  | mg/l |  |  | -- | <b>0.00083 J</b> |
| Zinc, Total            | 7440-66-6  | mg/l |  |  | -- | <b>0.019 J</b>   |
| <b>General</b>         |            |      |  |  |    |                  |
| Alkalinity             | STL00171   | mg/L |  |  | -- | <b>93</b>        |
| Chloride               | 16887-00-6 | mg/L |  |  | -- |                  |
| Fluoride               | 16984-48-8 | mg/L |  |  | -- |                  |
| Nitrate as N           | 14797-55-8 | mg/L |  |  | -- |                  |
| pH                     | STL00204   | SU   |  |  | -- | <b>8.2 HF</b>    |
| Sulfate                | 14808-79-8 | mg/L |  |  | -- |                  |
| Total Dissolved Solids | STL00242   | mg/L |  |  | -- | <b>180</b>       |
| Total Hardness         | STL00009   | mg/L |  |  | -- | <b>21</b>        |
| Total Suspended Solids | STL00161   | mg/L |  |  | -- |                  |

**Bold - Bolded results identify a detected value.**

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

Highlighted cells denote results that exceed the lowest benchmark value

Table 1  
 Surfacewater Analytical Data - Region 6  
 Upper Animas River

| Analyte                   | CAS.NO    | Units |        |     | Location  | FWS-ARP2           |
|---------------------------|-----------|-------|--------|-----|-----------|--------------------|
|                           |           |       |        |     | Sample ID | FWS-ARP2-150807-21 |
|                           |           |       |        |     | Date      | 8/7/2015           |
|                           |           |       |        |     |           |                    |
| Recreationa Agriculture   |           |       |        |     |           |                    |
| Metals, Dissolved I RSL e |           |       |        |     |           |                    |
| Aluminum, Dissolved       | 7429-90-5 | mg/l  | 170000 |     | --        | 0.029 J            |
| Antimony, Dissolved       | 7440-36-0 | mg/l  |        |     | --        | < 0.001 U          |
| Arsenic, Dissolved        | 7440-38-2 | mg/l  | 50     | 100 | --        | 0.00074 J          |
| Barium, Dissolved         | 7440-39-3 | mg/l  | 33000  |     | --        | 0.069              |
| Beryllium, Dissolved      | 7440-41-7 | mg/l  | 330    | 100 | --        | < 0.0004 U         |
| Cadmium, Dissolved        | 7440-43-9 | mg/l  | 83     | 10  | --        | < 0.0001 U         |
| Calcium, Dissolved        | 7440-70-2 | mg/l  |        |     | --        | 68                 |
| Chromium, Dissolved       | 7440-47-3 | mg/l  | 210000 | 100 | --        | < 0.002 U          |
| Cobalt, Dissolved         | 7440-48-4 | mg/l  | 50     |     | --        | 0.00016 J          |
| Copper, Dissolved         | 7440-50-8 | mg/l  | 6700   | 100 | --        | 0.0012             |
| Iron, Dissolved           | 7439-89-6 | mg/l  | 120000 |     | --        | < 0.05 U           |
| Lead, Dissolved           | 7439-92-1 | mg/l  | 200    | 100 | --        | < 0.0003 U         |
| Magnesium, Dissolved      | 7439-95-4 | mg/l  |        |     | --        | 9.6                |
| Manganese, Dissolved      | 7439-96-5 | mg/l  | 7800   | 200 | --        | 0.021              |
| Mercury, Dissolved        | 7439-97-6 | mg/l  |        |     | --        | < 0.0002 U         |
| Molybdenum, Dissolved     | 7439-98-7 | mg/l  |        |     | --        | 0.0012             |
| Nickel, Dissolved         | 7440-02-0 | mg/l  | 330    | 200 | --        | 0.0015             |
| Potassium, Dissolved      | 7440-09-7 | mg/l  |        |     | --        | 2.4                |
| Selenium, Dissolved       | 7782-49-2 | mg/l  |        | 20  | --        | < 0.002 U          |
| Silver, Dissolved         | 7440-22-4 | mg/l  |        |     | --        | < 0.001 U          |
| Sodium, Dissolved         | 7440-23-5 | mg/l  |        |     | --        | 22                 |
| Thallium, Dissolved       | 7440-28-0 | mg/l  | 1.7    |     | --        | < 0.0002 U         |
| Vanadium, Dissolved       | 7440-62-2 | mg/l  | 830    |     | --        | < 0.001 U          |
| Zinc, Dissolved           | 7440-66-6 | mg/l  | 50000  |     | --        | < 0.02 U           |
| Metals, Total             |           |       |        |     |           |                    |
| Aluminum, Total           | 7429-90-5 | mg/l  |        |     | --        | 1.4                |
| Antimony, Total           | 7440-36-0 | mg/l  |        |     | --        | < 0.001 U          |
| Arsenic, Total            | 7440-38-2 | mg/l  |        |     | --        | 0.00081 J          |
| Barium, Total             | 7440-39-3 | mg/l  |        |     | --        | 0.079              |
| Beryllium, Total          | 7440-41-7 | mg/l  |        |     | --        | < 0.0004 U         |
| Cadmium, Total            | 7440-43-9 | mg/l  |        |     | --        | 0.000092 J         |
| Calcium, Total            | 7440-70-2 | mg/l  |        |     | --        | 67                 |
| Chromium, Total           | 7440-47-3 | mg/l  |        |     | --        | < 0.002 U          |
| Cobalt, Total             | 7440-48-4 | mg/l  |        |     | --        | 0.00052            |
| Copper, Total             | 7440-50-8 | mg/l  |        |     | --        | 0.0031             |
| Iron, Total               | 7439-89-6 | mg/l  |        |     | --        | 1                  |
| Lead, Total               | 7439-92-1 | mg/l  |        |     | --        | 0.0026             |
| Magnesium, Total          | 7439-95-4 | mg/l  |        |     | --        | 9.6                |
| Manganese, Total          | 7439-96-5 | mg/l  |        |     | --        | 0.091              |
| Mercury, Total            | 7439-97-6 | mg/l  |        |     | --        | < 0.0002 U         |
| Molybdenum, Total         | 7439-98-7 | mg/l  |        |     | --        | 0.0012             |
| Nickel, Total             | 7440-02-0 | mg/l  |        |     | --        | 0.0021             |

Table 1  
 Surfacewater Analytical Data - Region 6  
 Upper Animas River

|                        |            |      |  |  |    |                |
|------------------------|------------|------|--|--|----|----------------|
| Potassium, Total       | 7440-09-7  | mg/l |  |  | -- | <b>2.6</b>     |
| Selenium, Total        | 7782-49-2  | mg/l |  |  | -- | < 0.002 U      |
| Silver, Total          | 7440-22-4  | mg/l |  |  | -- | < 0.001 U      |
| Sodium, Total          | 7440-23-5  | mg/l |  |  | -- | <b>22</b>      |
| Thallium, Total        | 7440-28-0  | mg/l |  |  | -- | < 0.0002 U     |
| Vanadium, Total        | 7440-62-2  | mg/l |  |  | -- | <b>0.0019</b>  |
| Zinc, Total            | 7440-66-6  | mg/l |  |  | -- | <b>0.02</b>    |
| <b>General</b>         |            |      |  |  |    |                |
| Alkalinity             | STL00171   | mg/L |  |  | -- | <b>91</b>      |
| Chloride               | 16887-00-6 | mg/L |  |  | -- |                |
| Fluoride               | 16984-48-8 | mg/L |  |  | -- |                |
| Nitrate as N           | 14797-55-8 | mg/L |  |  | -- |                |
| pH                     | STL00204   | SU   |  |  | -- | <b>8.31 HF</b> |
| Sulfate                | 14808-79-8 | mg/L |  |  | -- |                |
| Total Dissolved Solids | STL00242   | mg/L |  |  | -- | <b>210</b>     |
| Total Hardness         | STL00009   | mg/L |  |  | -- | <b>43</b>      |
| Total Suspended Solids | STL00161   | mg/L |  |  | -- |                |

**Bold - Bolded results identify a detected value.**

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

Highlighted cells denote results that exceed the lowest benchmark value



Table 1  
 Surfacewater Analytical Data - Region 6  
 Upper Animas River

| Analyte                   | CAS.NO    | Units |        |     | Location  | LVW-FD           |
|---------------------------|-----------|-------|--------|-----|-----------|------------------|
|                           |           |       |        |     | Sample ID | LVW-FD-150807-21 |
|                           |           |       |        |     | Date      | 8/7/2015         |
|                           |           |       |        |     |           |                  |
| Recreationa Agriculture   |           |       |        |     |           |                  |
| Metals, Dissolved I RSL e |           |       |        |     |           |                  |
| Aluminum, Dissolved       | 7429-90-5 | mg/l  | 170000 |     | --        | < 0.2 U          |
| Antimony, Dissolved       | 7440-36-0 | mg/l  |        |     | --        | < 0.001 U        |
| Arsenic, Dissolved        | 7440-38-2 | mg/l  | 50     | 100 | --        | 0.0011           |
| Barium, Dissolved         | 7440-39-3 | mg/l  | 33000  |     | --        | 0.11             |
| Beryllium, Dissolved      | 7440-41-7 | mg/l  | 330    | 100 | --        | < 0.0004 U       |
| Cadmium, Dissolved        | 7440-43-9 | mg/l  | 83     | 10  | --        | < 0.0001 U       |
| Calcium, Dissolved        | 7440-70-2 | mg/l  |        |     | --        | 77               |
| Chromium, Dissolved       | 7440-47-3 | mg/l  | 210000 | 100 | --        | < 0.002 U        |
| Cobalt, Dissolved         | 7440-48-4 | mg/l  | 50     |     | --        | 0.00022 J        |
| Copper, Dissolved         | 7440-50-8 | mg/l  | 6700   | 100 | --        | 0.0014           |
| Iron, Dissolved           | 7439-89-6 | mg/l  | 120000 |     | --        | 0.042 J          |
| Lead, Dissolved           | 7439-92-1 | mg/l  | 200    | 100 | --        | 0.00018 J        |
| Magnesium, Dissolved      | 7439-95-4 | mg/l  |        |     | --        | 10               |
| Manganese, Dissolved      | 7439-96-5 | mg/l  | 7800   | 200 | --        | 0.024            |
| Mercury, Dissolved        | 7439-97-6 | mg/l  |        |     | --        | < 0.0002 U       |
| Molybdenum, Dissolved     | 7439-98-7 | mg/l  |        |     | --        | 0.0015           |
| Nickel, Dissolved         | 7440-02-0 | mg/l  | 330    | 200 | --        | 0.0021           |
| Potassium, Dissolved      | 7440-09-7 | mg/l  |        |     | --        | 2.8              |
| Selenium, Dissolved       | 7782-49-2 | mg/l  |        | 20  | --        | < 0.002 U        |
| Silver, Dissolved         | 7440-22-4 | mg/l  |        |     | --        | < 0.001 U        |
| Sodium, Dissolved         | 7440-23-5 | mg/l  |        |     | --        | 31               |
| Thallium, Dissolved       | 7440-28-0 | mg/l  | 1.7    |     | --        | < 0.0002 U       |
| Vanadium, Dissolved       | 7440-62-2 | mg/l  | 830    |     | --        | 0.00044 J        |
| Zinc, Dissolved           | 7440-66-6 | mg/l  | 50000  |     | --        | < 0.02 U         |
| Metals, Total             |           |       |        |     |           |                  |
| Aluminum, Total           | 7429-90-5 | mg/l  |        |     | --        | 2.3              |
| Antimony, Total           | 7440-36-0 | mg/l  |        |     | --        | < 0.001 U        |
| Arsenic, Total            | 7440-38-2 | mg/l  |        |     | --        | 0.0014           |
| Barium, Total             | 7440-39-3 | mg/l  |        |     | --        | 0.12             |
| Beryllium, Total          | 7440-41-7 | mg/l  |        |     | --        | < 0.0004 U       |
| Cadmium, Total            | 7440-43-9 | mg/l  |        |     | --        | 0.000064 J       |
| Calcium, Total            | 7440-70-2 | mg/l  |        |     | --        | 75               |
| Chromium, Total           | 7440-47-3 | mg/l  |        |     | --        | 0.0012 J         |
| Cobalt, Total             | 7440-48-4 | mg/l  |        |     | --        | 0.00056          |
| Copper, Total             | 7440-50-8 | mg/l  |        |     | --        | 0.0031           |
| Iron, Total               | 7439-89-6 | mg/l  |        |     | --        | 1.4              |
| Lead, Total               | 7439-92-1 | mg/l  |        |     | --        | 0.0029           |
| Magnesium, Total          | 7439-95-4 | mg/l  |        |     | --        | 10               |
| Manganese, Total          | 7439-96-5 | mg/l  |        |     | --        | 0.083            |
| Mercury, Total            | 7439-97-6 | mg/l  |        |     | --        | < 0.0002 U       |
| Molybdenum, Total         | 7439-98-7 | mg/l  |        |     | --        | 0.0015           |
| Nickel, Total             | 7440-02-0 | mg/l  |        |     | --        | 0.0024           |

Table 1  
 Surfacewater Analytical Data - Region 6  
 Upper Animas River

|                        |            |      |  |  |    |                |
|------------------------|------------|------|--|--|----|----------------|
| Potassium, Total       | 7440-09-7  | mg/l |  |  | -- | <b>3.2</b>     |
| Selenium, Total        | 7782-49-2  | mg/l |  |  | -- | < 0.002 U      |
| Silver, Total          | 7440-22-4  | mg/l |  |  | -- | < 0.001 U      |
| Sodium, Total          | 7440-23-5  | mg/l |  |  | -- | <b>29</b>      |
| Thallium, Total        | 7440-28-0  | mg/l |  |  | -- | < 0.0002 U     |
| Vanadium, Total        | 7440-62-2  | mg/l |  |  | -- | <b>0.0031</b>  |
| Zinc, Total            | 7440-66-6  | mg/l |  |  | -- | <b>0.013 J</b> |
| <b>General</b>         |            |      |  |  |    |                |
| Alkalinity             | STL00171   | mg/L |  |  | -- | <b>120</b>     |
| Chloride               | 16887-00-6 | mg/L |  |  | -- |                |
| Fluoride               | 16984-48-8 | mg/L |  |  | -- |                |
| Nitrate as N           | 14797-55-8 | mg/L |  |  | -- |                |
| pH                     | STL00204   | SU   |  |  | -- | <b>8.11 HF</b> |
| Sulfate                | 14808-79-8 | mg/L |  |  | -- |                |
| Total Dissolved Solids | STL00242   | mg/L |  |  | -- | <b>230</b>     |
| Total Hardness         | STL00009   | mg/L |  |  | -- | <b>36</b>      |
| Total Suspended Solids | STL00161   | mg/L |  |  | -- |                |

**Bold - Bolded results identify a detected value.**

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

Highlighted cells denote results that exceed the lowest benchmark value

Table 1  
 Surfacewater Analytical Data - Region 6  
 Upper Animas River

| Analyte                 | CAS.NO    | Units   |        |     | Location  | ADWS-ARP      |
|-------------------------|-----------|---------|--------|-----|-----------|---------------|
|                         |           |         |        |     | Sample ID | 11            |
|                         |           |         |        |     | Date      | 8/8/2015      |
|                         |           |         |        |     |           |               |
| Recreationa Agriculture |           |         |        |     |           |               |
| Metals, Dissolved       |           | I RSL e |        |     |           |               |
| Aluminum, Dissolved     | 7429-90-5 | mg/l    | 170000 |     | --        | < 200 U       |
| Antimony, Dissolved     | 7440-36-0 | mg/l    |        |     | --        | < 1 U         |
| Arsenic, Dissolved      | 7440-38-2 | mg/l    | 50     | 100 | --        | <b>0.58 J</b> |
| Barium, Dissolved       | 7440-39-3 | mg/l    | 33000  |     | --        | <b>49</b>     |
| Beryllium, Dissolved    | 7440-41-7 | mg/l    | 330    | 100 | --        | < 0.4 U       |
| Cadmium, Dissolved      | 7440-43-9 | mg/l    | 83     | 10  | --        | < 0.1 U       |
| Calcium, Dissolved      | 7440-70-2 | mg/l    |        |     | --        | <b>61000</b>  |
| Chromium, Dissolved     | 7440-47-3 | mg/l    | 210000 | 100 | --        | < 2 U         |
| Cobalt, Dissolved       | 7440-48-4 | mg/l    | 50     |     | --        | < 0.4 U       |
| Copper, Dissolved       | 7440-50-8 | mg/l    | 6700   | 100 | --        | <b>1.3</b>    |
| Iron, Dissolved         | 7439-89-6 | mg/l    | 120000 |     | --        | < 50 U        |
| Lead, Dissolved         | 7439-92-1 | mg/l    | 200    | 100 | --        | <b>0.17 J</b> |
| Magnesium, Dissolved    | 7439-95-4 | mg/l    |        |     | --        | <b>8100</b>   |
| Manganese, Dissolved    | 7439-96-5 | mg/l    | 7800   | 200 | --        | <b>2.9</b>    |
| Mercury, Dissolved      | 7439-97-6 | mg/l    |        |     | --        | < 0.2 U       |
| Molybdenum, Dissolved   | 7439-98-7 | mg/l    |        |     | --        | <b>1.5</b>    |
| Nickel, Dissolved       | 7440-02-0 | mg/l    | 330    | 200 | --        | <b>1.2</b>    |
| Potassium, Dissolved    | 7440-09-7 | mg/l    |        |     | --        | <b>2200</b>   |
| Selenium, Dissolved     | 7782-49-2 | mg/l    |        | 20  | --        | < 2 U         |
| Silver, Dissolved       | 7440-22-4 | mg/l    |        |     | --        | < 1 U         |
| Sodium, Dissolved       | 7440-23-5 | mg/l    |        |     | --        | <b>14000</b>  |
| Thallium, Dissolved     | 7440-28-0 | mg/l    | 1.7    |     | --        | < 0.2 U       |
| Vanadium, Dissolved     | 7440-62-2 | mg/l    | 830    |     | --        | < 1 U         |
| Zinc, Dissolved         | 7440-66-6 | mg/l    | 50000  |     | --        | < 20 U F1     |
| Metals, Total           |           |         |        |     |           |               |
| Aluminum, Total         | 7429-90-5 | mg/l    |        |     | --        | <b>4200</b>   |
| Antimony, Total         | 7440-36-0 | mg/l    |        |     | --        | <b>1.5</b>    |
| Arsenic, Total          | 7440-38-2 | mg/l    |        |     | --        | <b>11</b>     |
| Barium, Total           | 7440-39-3 | mg/l    |        |     | --        | <b>97</b>     |
| Beryllium, Total        | 7440-41-7 | mg/l    |        |     | --        | <b>0.29 J</b> |
| Cadmium, Total          | 7440-43-9 | mg/l    |        |     | --        | <b>0.55</b>   |
| Calcium, Total          | 7440-70-2 | mg/l    |        |     | --        | <b>69000</b>  |
| Chromium, Total         | 7440-47-3 | mg/l    |        |     | --        | <b>1.7 J</b>  |
| Cobalt, Total           | 7440-48-4 | mg/l    |        |     | --        | <b>1.3</b>    |
| Copper, Total           | 7440-50-8 | mg/l    |        |     | --        | <b>49</b>     |
| Iron, Total             | 7439-89-6 | mg/l    |        |     | --        | <b>15000</b>  |
| Lead, Total             | 7439-92-1 | mg/l    |        |     | --        | <b>230</b>    |
| Magnesium, Total        | 7439-95-4 | mg/l    |        |     | --        | <b>9400</b>   |
| Manganese, Total        | 7439-96-5 | mg/l    |        |     | --        | <b>260</b>    |
| Mercury, Total          | 7439-97-6 | mg/l    |        |     | --        | < 0.2 U       |
| Molybdenum, Total       | 7439-98-7 | mg/l    |        |     | --        | <b>4</b>      |
| Nickel, Total           | 7440-02-0 | mg/l    |        |     | --        | <b>2.1</b>    |

Table 1  
 Surfacewater Analytical Data - Region 6  
 Upper Animas River

|                        |            |      |  |  |    |                |
|------------------------|------------|------|--|--|----|----------------|
| Potassium, Total       | 7440-09-7  | mg/l |  |  | -- | <b>3700</b>    |
| Selenium, Total        | 7782-49-2  | mg/l |  |  | -- | <b>0.58 J</b>  |
| Silver, Total          | 7440-22-4  | mg/l |  |  | -- | <b>1.6</b>     |
| Sodium, Total          | 7440-23-5  | mg/l |  |  | -- | <b>15000</b>   |
| Thallium, Total        | 7440-28-0  | mg/l |  |  | -- | <b>0.12 J</b>  |
| Vanadium, Total        | 7440-62-2  | mg/l |  |  | -- | <b>10</b>      |
| Zinc, Total            | 7440-66-6  | mg/l |  |  | -- | <b>180</b>     |
| <b>General</b>         |            |      |  |  |    |                |
| Alkalinity             | STL00171   | mg/L |  |  | -- | <b>87</b>      |
| Chloride               | 16887-00-6 | mg/L |  |  | -- |                |
| Fluoride               | 16984-48-8 | mg/L |  |  | -- |                |
| Nitrate as N           | 14797-55-8 | mg/L |  |  | -- |                |
| pH                     | STL00204   | SU   |  |  | -- | <b>8.04 HF</b> |
| Sulfate                | 14808-79-8 | mg/L |  |  | -- |                |
| Total Dissolved Solids | STL00242   | mg/L |  |  | -- | <b>290</b>     |
| Total Hardness         | STL00009   | mg/L |  |  | -- | <b>210</b>     |
| Total Suspended Solids | STL00161   | mg/L |  |  | -- | <b>140</b>     |

**Bold - Bolded results identify a detected value.**

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

Highlighted cells denote results that exceed the lowest benchmark value

Table 1  
 Surfacewater Analytical Data - Region 6  
 Upper Animas River

| Analyte                   | CAS.NO    | Units |        |     | Location  | ADWS-IT1        |
|---------------------------|-----------|-------|--------|-----|-----------|-----------------|
|                           |           |       |        |     | Sample ID | ADWS-IT1-150000 |
|                           |           |       |        |     | Date      | 11              |
|                           |           |       |        |     |           | 8/8/2015        |
| Recreation Agriculture    |           |       |        |     |           |                 |
| Metals, Dissolved I RSL e |           |       |        |     |           |                 |
| Aluminum, Dissolved       | 7429-90-5 | mg/l  | 170000 |     | --        | < 200 U         |
| Antimony, Dissolved       | 7440-36-0 | mg/l  |        |     | --        | < 1 U           |
| Arsenic, Dissolved        | 7440-38-2 | mg/l  | 50     | 100 | --        | < 1 U           |
| Barium, Dissolved         | 7440-39-3 | mg/l  | 33000  |     | --        | 50              |
| Beryllium, Dissolved      | 7440-41-7 | mg/l  | 330    | 100 | --        | < 0.4 U         |
| Cadmium, Dissolved        | 7440-43-9 | mg/l  | 83     | 10  | --        | < 0.1 U         |
| Calcium, Dissolved        | 7440-70-2 | mg/l  |        |     | --        | 60000           |
| Chromium, Dissolved       | 7440-47-3 | mg/l  | 210000 | 100 | --        | < 2 U           |
| Cobalt, Dissolved         | 7440-48-4 | mg/l  | 50     |     | --        | < 0.4 U         |
| Copper, Dissolved         | 7440-50-8 | mg/l  | 6700   | 100 | --        | 1.4             |
| Iron, Dissolved           | 7439-89-6 | mg/l  | 120000 |     | --        | < 50 U          |
| Lead, Dissolved           | 7439-92-1 | mg/l  | 200    | 100 | --        | 0.15 J          |
| Magnesium, Dissolved      | 7439-95-4 | mg/l  |        |     | --        | 8100            |
| Manganese, Dissolved      | 7439-96-5 | mg/l  | 7800   | 200 | --        | 3               |
| Mercury, Dissolved        | 7439-97-6 | mg/l  |        |     | --        | < 0.2 U         |
| Molybdenum, Dissolved     | 7439-98-7 | mg/l  |        |     | --        | 1.3             |
| Nickel, Dissolved         | 7440-02-0 | mg/l  | 330    | 200 | --        | 1.2             |
| Potassium, Dissolved      | 7440-09-7 | mg/l  |        |     | --        | 2100            |
| Selenium, Dissolved       | 7782-49-2 | mg/l  |        | 20  | --        | < 2 U           |
| Silver, Dissolved         | 7440-22-4 | mg/l  |        |     | --        | < 1 U           |
| Sodium, Dissolved         | 7440-23-5 | mg/l  |        |     | --        | 13000           |
| Thallium, Dissolved       | 7440-28-0 | mg/l  | 1.7    |     | --        | 0.15 J          |
| Vanadium, Dissolved       | 7440-62-2 | mg/l  | 830    |     | --        | < 1 U           |
| Zinc, Dissolved           | 7440-66-6 | mg/l  | 50000  |     | --        | < 20 U          |
| Metals, Total             |           |       |        |     |           |                 |
| Aluminum, Total           | 7429-90-5 | mg/l  |        |     | --        | 2800            |
| Antimony, Total           | 7440-36-0 | mg/l  |        |     | --        | 1.1             |
| Arsenic, Total            | 7440-38-2 | mg/l  |        |     | --        | 7.6             |
| Barium, Total             | 7440-39-3 | mg/l  |        |     | --        | 84              |
| Beryllium, Total          | 7440-41-7 | mg/l  |        |     | --        | 0.2 J           |
| Cadmium, Total            | 7440-43-9 | mg/l  |        |     | --        | 0.4             |
| Calcium, Total            | 7440-70-2 | mg/l  |        |     | --        | 67000           |
| Chromium, Total           | 7440-47-3 | mg/l  |        |     | --        | 1.1 J           |
| Cobalt, Total             | 7440-48-4 | mg/l  |        |     | --        | 0.95            |
| Copper, Total             | 7440-50-8 | mg/l  |        |     | --        | 34              |
| Iron, Total               | 7439-89-6 | mg/l  |        |     | --        | 10000           |
| Lead, Total               | 7439-92-1 | mg/l  |        |     | --        | 150             |
| Magnesium, Total          | 7439-95-4 | mg/l  |        |     | --        | 9100            |
| Manganese, Total          | 7439-96-5 | mg/l  |        |     | --        | 200             |
| Mercury, Total            | 7439-97-6 | mg/l  |        |     | --        | < 0.2 U         |
| Molybdenum, Total         | 7439-98-7 | mg/l  |        |     | --        | 3               |
| Nickel, Total             | 7440-02-0 | mg/l  |        |     | --        | 1.8             |

Table 1  
 Surfacewater Analytical Data - Region 6  
 Upper Animas River

|                        |            |      |  |  |    |                |
|------------------------|------------|------|--|--|----|----------------|
| Potassium, Total       | 7440-09-7  | mg/l |  |  | -- | <b>3200</b>    |
| Selenium, Total        | 7782-49-2  | mg/l |  |  | -- | < 2 U          |
| Silver, Total          | 7440-22-4  | mg/l |  |  | -- | <b>1</b>       |
| Sodium, Total          | 7440-23-5  | mg/l |  |  | -- | <b>14000</b>   |
| Thallium, Total        | 7440-28-0  | mg/l |  |  | -- | < 0.2 U        |
| Vanadium, Total        | 7440-62-2  | mg/l |  |  | -- | <b>6.9</b>     |
| Zinc, Total            | 7440-66-6  | mg/l |  |  | -- | <b>140</b>     |
| <b>General</b>         |            |      |  |  |    |                |
| Alkalinity             | STL00171   | mg/L |  |  | -- | <b>94</b>      |
| Chloride               | 16887-00-6 | mg/L |  |  | -- |                |
| Fluoride               | 16984-48-8 | mg/L |  |  | -- |                |
| Nitrate as N           | 14797-55-8 | mg/L |  |  | -- |                |
| pH                     | STL00204   | SU   |  |  | -- | <b>8.06 HF</b> |
| Sulfate                | 14808-79-8 | mg/L |  |  | -- |                |
| Total Dissolved Solids | STL00242   | mg/L |  |  | -- | <b>260</b>     |
| Total Hardness         | STL00009   | mg/L |  |  | -- | <b>200</b>     |
| Total Suspended Solids | STL00161   | mg/L |  |  | -- | <b>93</b>      |

**Bold - Bolded results identify a detected value.**

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

Highlighted cells denote results that exceed the lowest benchmark value

Table 1  
 Surfacewater Analytical Data - Region 6  
 Upper Animas River

| Analyte                 | CAS.NO    | Units |        |     | Location  | ADWS-IT2        |
|-------------------------|-----------|-------|--------|-----|-----------|-----------------|
|                         |           |       |        |     | Sample ID | ADWS-IT2-130000 |
|                         |           |       |        |     | Date      | 11              |
|                         |           |       |        |     |           | 8/8/2015        |
| Recreation Agriculture  |           |       |        |     |           |                 |
| Metals, Dissolved I RSL |           |       |        |     |           |                 |
| Aluminum, Dissolved     | 7429-90-5 | mg/l  | 170000 |     | --        | < 200 U         |
| Antimony, Dissolved     | 7440-36-0 | mg/l  |        |     | --        | < 1 U           |
| Arsenic, Dissolved      | 7440-38-2 | mg/l  | 50     | 100 | --        | 0.5 J           |
| Barium, Dissolved       | 7440-39-3 | mg/l  | 33000  |     | --        | 55              |
| Beryllium, Dissolved    | 7440-41-7 | mg/l  | 330    | 100 | --        | < 0.4 U         |
| Cadmium, Dissolved      | 7440-43-9 | mg/l  | 83     | 10  | --        | < 0.1 U         |
| Calcium, Dissolved      | 7440-70-2 | mg/l  |        |     | --        | 57000           |
| Chromium, Dissolved     | 7440-47-3 | mg/l  | 210000 | 100 | --        | < 2 U           |
| Cobalt, Dissolved       | 7440-48-4 | mg/l  | 50     |     | --        | < 0.4 U         |
| Copper, Dissolved       | 7440-50-8 | mg/l  | 6700   | 100 | --        | 1.6             |
| Iron, Dissolved         | 7439-89-6 | mg/l  | 120000 |     | --        | < 50 U          |
| Lead, Dissolved         | 7439-92-1 | mg/l  | 200    | 100 | --        | 0.25 J          |
| Magnesium, Dissolved    | 7439-95-4 | mg/l  |        |     | --        | 7800            |
| Manganese, Dissolved    | 7439-96-5 | mg/l  | 7800   | 200 | --        | 5.6             |
| Mercury, Dissolved      | 7439-97-6 | mg/l  |        |     | --        | < 0.2 U         |
| Molybdenum, Dissolved   | 7439-98-7 | mg/l  |        |     | --        | 1.2             |
| Nickel, Dissolved       | 7440-02-0 | mg/l  | 330    | 200 | --        | 1.3             |
| Potassium, Dissolved    | 7440-09-7 | mg/l  |        |     | --        | 2300            |
| Selenium, Dissolved     | 7782-49-2 | mg/l  |        | 20  | --        | < 2 U           |
| Silver, Dissolved       | 7440-22-4 | mg/l  |        |     | --        | < 1 U           |
| Sodium, Dissolved       | 7440-23-5 | mg/l  |        |     | --        | 13000           |
| Thallium, Dissolved     | 7440-28-0 | mg/l  | 1.7    |     | --        | < 0.2 U         |
| Vanadium, Dissolved     | 7440-62-2 | mg/l  | 830    |     | --        | 0.41 J          |
| Zinc, Dissolved         | 7440-66-6 | mg/l  | 50000  |     | --        | < 20 U          |
| Metals, Total           |           |       |        |     |           |                 |
| Aluminum, Total         | 7429-90-5 | mg/l  |        |     | --        | 1900            |
| Antimony, Total         | 7440-36-0 | mg/l  |        |     | --        | 0.73 J          |
| Arsenic, Total          | 7440-38-2 | mg/l  |        |     | --        | 4.4             |
| Barium, Total           | 7440-39-3 | mg/l  |        |     | --        | 75              |
| Beryllium, Total        | 7440-41-7 | mg/l  |        |     | --        | < 0.4 U         |
| Cadmium, Total          | 7440-43-9 | mg/l  |        |     | --        | 0.3             |
| Calcium, Total          | 7440-70-2 | mg/l  |        |     | --        | 61000           |
| Chromium, Total         | 7440-47-3 | mg/l  |        |     | --        | < 2 U           |
| Cobalt, Total           | 7440-48-4 | mg/l  |        |     | --        | 0.68            |
| Copper, Total           | 7440-50-8 | mg/l  |        |     | --        | 23              |
| Iron, Total             | 7439-89-6 | mg/l  |        |     | --        | 6000            |
| Lead, Total             | 7439-92-1 | mg/l  |        |     | --        | 81              |
| Magnesium, Total        | 7439-95-4 | mg/l  |        |     | --        | 8400            |
| Manganese, Total        | 7439-96-5 | mg/l  |        |     | --        | 150             |
| Mercury, Total          | 7439-97-6 | mg/l  |        |     | --        | < 0.2 U         |
| Molybdenum, Total       | 7439-98-7 | mg/l  |        |     | --        | 2               |
| Nickel, Total           | 7440-02-0 | mg/l  |        |     | --        | 1.4             |

Table 1  
 Surfacewater Analytical Data - Region 6  
 Upper Animas River

|                        |            |      |  |  |    |                |
|------------------------|------------|------|--|--|----|----------------|
| Potassium, Total       | 7440-09-7  | mg/l |  |  | -- | <b>2900</b>    |
| Selenium, Total        | 7782-49-2  | mg/l |  |  | -- | < 2 U          |
| Silver, Total          | 7440-22-4  | mg/l |  |  | -- | <b>0.55 J</b>  |
| Sodium, Total          | 7440-23-5  | mg/l |  |  | -- | <b>13000</b>   |
| Thallium, Total        | 7440-28-0  | mg/l |  |  | -- | < 0.2 U        |
| Vanadium, Total        | 7440-62-2  | mg/l |  |  | -- | <b>4.3</b>     |
| Zinc, Total            | 7440-66-6  | mg/l |  |  | -- | <b>110</b>     |
| <b>General</b>         |            |      |  |  |    |                |
| Alkalinity             | STL00171   | mg/L |  |  | -- | <b>91</b>      |
| Chloride               | 16887-00-6 | mg/L |  |  | -- |                |
| Fluoride               | 16984-48-8 | mg/L |  |  | -- |                |
| Nitrate as N           | 14797-55-8 | mg/L |  |  | -- |                |
| pH                     | STL00204   | SU   |  |  | -- | <b>8.13 HF</b> |
| Sulfate                | 14808-79-8 | mg/L |  |  | -- |                |
| Total Dissolved Solids | STL00242   | mg/L |  |  | -- | <b>260</b>     |
| Total Hardness         | STL00009   | mg/L |  |  | -- | <b>190</b>     |
| Total Suspended Solids | STL00161   | mg/L |  |  | -- | <b>67</b>      |

**Bold - Bolded results identify a detected value.**

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

Highlighted cells denote results that exceed the lowest benchmark value



Table 1  
 Surfacewater Analytical Data - Region 6  
 Upper Animas River

| Analyte                   | CAS.NO    | Units |        |     | Location  | FWS-ARP2  |
|---------------------------|-----------|-------|--------|-----|-----------|-----------|
|                           |           |       |        |     | Sample ID | 11        |
|                           |           |       |        |     | Date      | 8/8/2015  |
|                           |           |       |        |     |           |           |
| Recreation Agriculture    |           |       |        |     |           |           |
| Metals, Dissolved I RSL e |           |       |        |     |           |           |
| Aluminum, Dissolved       | 7429-90-5 | mg/l  | 170000 |     | --        | < 200 U   |
| Antimony, Dissolved       | 7440-36-0 | mg/l  |        |     | --        | < 1 U     |
| Arsenic, Dissolved        | 7440-38-2 | mg/l  | 50     | 100 | --        | 0.38 J    |
| Barium, Dissolved         | 7440-39-3 | mg/l  | 33000  |     | --        | 56        |
| Beryllium, Dissolved      | 7440-41-7 | mg/l  | 330    | 100 | --        | < 0.4 U   |
| Cadmium, Dissolved        | 7440-43-9 | mg/l  | 83     | 10  | --        | < 0.1 U   |
| Calcium, Dissolved        | 7440-70-2 | mg/l  |        |     | --        | 66000     |
| Chromium, Dissolved       | 7440-47-3 | mg/l  | 210000 | 100 | --        | < 2 U     |
| Cobalt, Dissolved         | 7440-48-4 | mg/l  | 50     |     | --        | 0.12 J    |
| Copper, Dissolved         | 7440-50-8 | mg/l  | 6700   | 100 | --        | 1.4       |
| Iron, Dissolved           | 7439-89-6 | mg/l  | 120000 |     | --        | < 50 U    |
| Lead, Dissolved           | 7439-92-1 | mg/l  | 200    | 100 | --        | 0.14 J    |
| Magnesium, Dissolved      | 7439-95-4 | mg/l  |        |     | --        | 8300      |
| Manganese, Dissolved      | 7439-96-5 | mg/l  | 7800   | 200 | --        | 1.7 J     |
| Mercury, Dissolved        | 7439-97-6 | mg/l  |        |     | --        | < 0.2 U   |
| Molybdenum, Dissolved     | 7439-98-7 | mg/l  |        |     | --        | 1.7       |
| Nickel, Dissolved         | 7440-02-0 | mg/l  | 330    | 200 | --        | 1.4       |
| Potassium, Dissolved      | 7440-09-7 | mg/l  |        |     | --        | 2200      |
| Selenium, Dissolved       | 7782-49-2 | mg/l  |        | 20  | --        | < 2 U     |
| Silver, Dissolved         | 7440-22-4 | mg/l  |        |     | --        | < 1 U     |
| Sodium, Dissolved         | 7440-23-5 | mg/l  |        |     | --        | 16000     |
| Thallium, Dissolved       | 7440-28-0 | mg/l  | 1.7    |     | --        | < 0.2 U   |
| Vanadium, Dissolved       | 7440-62-2 | mg/l  | 830    |     | --        | 0.37 J    |
| Zinc, Dissolved           | 7440-66-6 | mg/l  | 50000  |     | --        | < 20 U F1 |
| Metals, Total             |           |       |        |     |           |           |
| Aluminum, Total           | 7429-90-5 | mg/l  |        |     | --        | 5300 F1   |
| Antimony, Total           | 7440-36-0 | mg/l  |        |     | --        | 1.6       |
| Arsenic, Total            | 7440-38-2 | mg/l  |        |     | --        | 11        |
| Barium, Total             | 7440-39-3 | mg/l  |        |     | --        | 100       |
| Beryllium, Total          | 7440-41-7 | mg/l  |        |     | --        | 0.31 J    |
| Cadmium, Total            | 7440-43-9 | mg/l  |        |     | --        | 0.5       |
| Calcium, Total            | 7440-70-2 | mg/l  |        |     | --        | 69000     |
| Chromium, Total           | 7440-47-3 | mg/l  |        |     | --        | 1.8 J     |
| Cobalt, Total             | 7440-48-4 | mg/l  |        |     | --        | 1.2       |
| Copper, Total             | 7440-50-8 | mg/l  |        |     | --        | 47        |
| Iron, Total               | 7439-89-6 | mg/l  |        |     | --        | 16000     |
| Lead, Total               | 7439-92-1 | mg/l  |        |     | --        | 220       |
| Magnesium, Total          | 7439-95-4 | mg/l  |        |     | --        | 9400      |
| Manganese, Total          | 7439-96-5 | mg/l  |        |     | --        | 220       |
| Mercury, Total            | 7439-97-6 | mg/l  |        |     | --        | < 0.2 U   |
| Molybdenum, Total         | 7439-98-7 | mg/l  |        |     | --        | 4.1       |
| Nickel, Total             | 7440-02-0 | mg/l  |        |     | --        | 2.1       |

Table 1  
 Surfacewater Analytical Data - Region 6  
 Upper Animas River

|                        |            |      |  |  |    |               |
|------------------------|------------|------|--|--|----|---------------|
| Potassium, Total       | 7440-09-7  | mg/l |  |  | -- | <b>4000</b>   |
| Selenium, Total        | 7782-49-2  | mg/l |  |  | -- | <b>1 J</b>    |
| Silver, Total          | 7440-22-4  | mg/l |  |  | -- | <b>1.6</b>    |
| Sodium, Total          | 7440-23-5  | mg/l |  |  | -- | <b>17000</b>  |
| Thallium, Total        | 7440-28-0  | mg/l |  |  | -- | <b>0.12 J</b> |
| Vanadium, Total        | 7440-62-2  | mg/l |  |  | -- | <b>11</b>     |
| Zinc, Total            | 7440-66-6  | mg/l |  |  | -- | <b>170</b>    |
| <b>General</b>         |            |      |  |  |    |               |
| Alkalinity             | STL00171   | mg/L |  |  | -- | <b>88</b>     |
| Chloride               | 16887-00-6 | mg/L |  |  | -- |               |
| Fluoride               | 16984-48-8 | mg/L |  |  | -- |               |
| Nitrate as N           | 14797-55-8 | mg/L |  |  | -- |               |
| pH                     | STL00204   | SU   |  |  | -- | <b>8.1 HF</b> |
| Sulfate                | 14808-79-8 | mg/L |  |  | -- |               |
| Total Dissolved Solids | STL00242   | mg/L |  |  | -- | <b>290</b>    |
| Total Hardness         | STL00009   | mg/L |  |  | -- | <b>210</b>    |
| Total Suspended Solids | STL00161   | mg/L |  |  | -- | <b>170</b>    |

**Bold - Bolded results identify a detected value.**

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

Highlighted cells denote results that exceed the lowest benchmark value

Table 1  
 Surfacewater Analytical Data - Region 6  
 Upper Animas River

| Analyte                 | CAS.NO    | Units |        |     | Location  | FWS-FDPS |
|-------------------------|-----------|-------|--------|-----|-----------|----------|
|                         |           |       |        |     | Sample ID | 11       |
|                         |           |       |        |     | Date      | 8/8/2015 |
|                         |           |       |        |     |           |          |
| Recreationa Agriculture |           |       |        |     |           |          |
| Metals, Dissolved       |           |       |        |     |           |          |
| I RSL e                 |           |       |        |     |           |          |
| Aluminum, Dissolved     | 7429-90-5 | mg/l  | 170000 |     | --        | < 200 U  |
| Antimony, Dissolved     | 7440-36-0 | mg/l  |        |     | --        | < 1 U    |
| Arsenic, Dissolved      | 7440-38-2 | mg/l  | 50     | 100 | --        | 0.76 J   |
| Barium, Dissolved       | 7440-39-3 | mg/l  | 33000  |     | --        | 60       |
| Beryllium, Dissolved    | 7440-41-7 | mg/l  | 330    | 100 | --        | < 0.4 U  |
| Cadmium, Dissolved      | 7440-43-9 | mg/l  | 83     | 10  | --        | < 0.1 U  |
| Calcium, Dissolved      | 7440-70-2 | mg/l  |        |     | --        | 66000    |
| Chromium, Dissolved     | 7440-47-3 | mg/l  | 210000 | 100 | --        | < 2 U    |
| Cobalt, Dissolved       | 7440-48-4 | mg/l  | 50     |     | --        | 0.14 J   |
| Copper, Dissolved       | 7440-50-8 | mg/l  | 6700   | 100 | --        | 1.6      |
| Iron, Dissolved         | 7439-89-6 | mg/l  | 120000 |     | --        | < 50 U   |
| Lead, Dissolved         | 7439-92-1 | mg/l  | 200    | 100 | --        | 0.2 J    |
| Magnesium, Dissolved    | 7439-95-4 | mg/l  |        |     | --        | 8400     |
| Manganese, Dissolved    | 7439-96-5 | mg/l  | 7800   | 200 | --        | 1.6 J    |
| Mercury, Dissolved      | 7439-97-6 | mg/l  |        |     | --        | < 0.2 U  |
| Molybdenum, Dissolved   | 7439-98-7 | mg/l  |        |     | --        | 1.7      |
| Nickel, Dissolved       | 7440-02-0 | mg/l  | 330    | 200 | --        | 1.8      |
| Potassium, Dissolved    | 7440-09-7 | mg/l  |        |     | --        | 2200     |
| Selenium, Dissolved     | 7782-49-2 | mg/l  |        | 20  | --        | < 2 U    |
| Silver, Dissolved       | 7440-22-4 | mg/l  |        |     | --        | < 1 U    |
| Sodium, Dissolved       | 7440-23-5 | mg/l  |        |     | --        | 16000    |
| Thallium, Dissolved     | 7440-28-0 | mg/l  | 1.7    |     | --        | < 0.2 U  |
| Vanadium, Dissolved     | 7440-62-2 | mg/l  | 830    |     | --        | 0.36 J   |
| Zinc, Dissolved         | 7440-66-6 | mg/l  | 50000  |     | --        | < 20 U   |
| Metals, Total           |           |       |        |     |           |          |
| Aluminum, Total         | 7429-90-5 | mg/l  |        |     | --        | 5000     |
| Antimony, Total         | 7440-36-0 | mg/l  |        |     | --        | 1.4      |
| Arsenic, Total          | 7440-38-2 | mg/l  |        |     | --        | 10       |
| Barium, Total           | 7440-39-3 | mg/l  |        |     | --        | 110      |
| Beryllium, Total        | 7440-41-7 | mg/l  |        |     | --        | 0.3 J    |
| Cadmium, Total          | 7440-43-9 | mg/l  |        |     | --        | 0.45     |
| Calcium, Total          | 7440-70-2 | mg/l  |        |     | --        | 70000    |
| Chromium, Total         | 7440-47-3 | mg/l  |        |     | --        | 1.8 J    |
| Cobalt, Total           | 7440-48-4 | mg/l  |        |     | --        | 1.3      |
| Copper, Total           | 7440-50-8 | mg/l  |        |     | --        | 43       |
| Iron, Total             | 7439-89-6 | mg/l  |        |     | --        | 14000    |
| Lead, Total             | 7439-92-1 | mg/l  |        |     | --        | 200      |
| Magnesium, Total        | 7439-95-4 | mg/l  |        |     | --        | 9600     |
| Manganese, Total        | 7439-96-5 | mg/l  |        |     | --        | 230      |
| Mercury, Total          | 7439-97-6 | mg/l  |        |     | --        | < 0.2 U  |
| Molybdenum, Total       | 7439-98-7 | mg/l  |        |     | --        | 3.7      |
| Nickel, Total           | 7440-02-0 | mg/l  |        |     | --        | 2.3      |

Table 1  
 Surfacewater Analytical Data - Region 6  
 Upper Animas River

|                        |            |      |  |  |    |               |
|------------------------|------------|------|--|--|----|---------------|
| Potassium, Total       | 7440-09-7  | mg/l |  |  | -- | <b>3800</b>   |
| Selenium, Total        | 7782-49-2  | mg/l |  |  | -- | <b>0.83 J</b> |
| Silver, Total          | 7440-22-4  | mg/l |  |  | -- | <b>1.4</b>    |
| Sodium, Total          | 7440-23-5  | mg/l |  |  | -- | <b>17000</b>  |
| Thallium, Total        | 7440-28-0  | mg/l |  |  | -- | <b>0.11 J</b> |
| Vanadium, Total        | 7440-62-2  | mg/l |  |  | -- | <b>10</b>     |
| Zinc, Total            | 7440-66-6  | mg/l |  |  | -- | <b>160</b>    |
| <b>General</b>         |            |      |  |  |    |               |
| Alkalinity             | STL00171   | mg/L |  |  | -- | <b>90</b>     |
| Chloride               | 16887-00-6 | mg/L |  |  | -- |               |
| Fluoride               | 16984-48-8 | mg/L |  |  | -- |               |
| Nitrate as N           | 14797-55-8 | mg/L |  |  | -- |               |
| pH                     | STL00204   | SU   |  |  | -- | <b>8.1 HF</b> |
| Sulfate                | 14808-79-8 | mg/L |  |  | -- |               |
| Total Dissolved Solids | STL00242   | mg/L |  |  | -- | <b>290</b>    |
| Total Hardness         | STL00009   | mg/L |  |  | -- | <b>210</b>    |
| Total Suspended Solids | STL00161   | mg/L |  |  | -- | <b>150</b>    |

**Bold - Bolded results identify a detected value.**

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

Highlighted cells denote results that exceed the lowest benchmark value

Table 1  
 Surfacewater Analytical Data - Region 6  
 Upper Animas River

| Analyte                   | CAS.NO    | Units |        |     | Location  | LVW-FD           |
|---------------------------|-----------|-------|--------|-----|-----------|------------------|
|                           |           |       |        |     | Sample ID | LVW-FD-150808-11 |
|                           |           |       |        |     | Date      | 8/8/2015         |
|                           |           |       |        |     |           |                  |
| Recreationa Agriculture   |           |       |        |     |           |                  |
| Metals, Dissolved I RSL e |           |       |        |     |           |                  |
| Aluminum, Dissolved       | 7429-90-5 | mg/l  | 170000 |     | --        | 390              |
| Antimony, Dissolved       | 7440-36-0 | mg/l  |        |     | --        | < 1 U            |
| Arsenic, Dissolved        | 7440-38-2 | mg/l  | 50     | 100 | --        | 0.76 J           |
| Barium, Dissolved         | 7440-39-3 | mg/l  | 33000  |     | --        | 81               |
| Beryllium, Dissolved      | 7440-41-7 | mg/l  | 330    | 100 | --        | < 0.4 U          |
| Cadmium, Dissolved        | 7440-43-9 | mg/l  | 83     | 10  | --        | < 0.1 U          |
| Calcium, Dissolved        | 7440-70-2 | mg/l  |        |     | --        | 52000            |
| Chromium, Dissolved       | 7440-47-3 | mg/l  | 210000 | 100 | --        | < 2 U            |
| Cobalt, Dissolved         | 7440-48-4 | mg/l  | 50     |     | --        | 0.23 J           |
| Copper, Dissolved         | 7440-50-8 | mg/l  | 6700   | 100 | --        | 1.7              |
| Iron, Dissolved           | 7439-89-6 | mg/l  | 120000 |     | --        | 220              |
| Lead, Dissolved           | 7439-92-1 | mg/l  | 200    | 100 | --        | 0.5              |
| Magnesium, Dissolved      | 7439-95-4 | mg/l  |        |     | --        | 6600             |
| Manganese, Dissolved      | 7439-96-5 | mg/l  | 7800   | 200 | --        | 20               |
| Mercury, Dissolved        | 7439-97-6 | mg/l  |        |     | --        | < 0.2 U          |
| Molybdenum, Dissolved     | 7439-98-7 | mg/l  |        |     | --        | 1.8              |
| Nickel, Dissolved         | 7440-02-0 | mg/l  | 330    | 200 | --        | 1.8              |
| Potassium, Dissolved      | 7440-09-7 | mg/l  |        |     | --        | 2500             |
| Selenium, Dissolved       | 7782-49-2 | mg/l  |        | 20  | --        | < 2 U            |
| Silver, Dissolved         | 7440-22-4 | mg/l  |        |     | --        | < 1 U            |
| Sodium, Dissolved         | 7440-23-5 | mg/l  |        |     | --        | 20000            |
| Thallium, Dissolved       | 7440-28-0 | mg/l  | 1.7    |     | --        | < 0.2 U          |
| Vanadium, Dissolved       | 7440-62-2 | mg/l  | 830    |     | --        | 0.73 J           |
| Zinc, Dissolved           | 7440-66-6 | mg/l  | 50000  |     | --        | < 20 U           |
| Metals, Total             |           |       |        |     |           |                  |
| Aluminum, Total           | 7429-90-5 | mg/l  |        |     | --        | 22000            |
| Antimony, Total           | 7440-36-0 | mg/l  |        |     | --        | 0.64 J           |
| Arsenic, Total            | 7440-38-2 | mg/l  |        |     | --        | 14               |
| Barium, Total             | 7440-39-3 | mg/l  |        |     | --        | 370              |
| Beryllium, Total          | 7440-41-7 | mg/l  |        |     | --        | 1.2              |
| Cadmium, Total            | 7440-43-9 | mg/l  |        |     | --        | 0.34             |
| Calcium, Total            | 7440-70-2 | mg/l  |        |     | --        | 64000            |
| Chromium, Total           | 7440-47-3 | mg/l  |        |     | --        | 12               |
| Cobalt, Total             | 7440-48-4 | mg/l  |        |     | --        | 8.3              |
| Copper, Total             | 7440-50-8 | mg/l  |        |     | --        | 55               |
| Iron, Total               | 7439-89-6 | mg/l  |        |     | --        | 30000            |
| Lead, Total               | 7439-92-1 | mg/l  |        |     | --        | 240              |
| Magnesium, Total          | 7439-95-4 | mg/l  |        |     | --        | 11000            |
| Manganese, Total          | 7439-96-5 | mg/l  |        |     | --        | 530              |
| Mercury, Total            | 7439-97-6 | mg/l  |        |     | --        | 0.089 J          |
| Molybdenum, Total         | 7439-98-7 | mg/l  |        |     | --        | 3.4              |
| Nickel, Total             | 7440-02-0 | mg/l  |        |     | --        | 12               |

Table 1  
 Surfacewater Analytical Data - Region 6  
 Upper Animas River

|                        |            |      |  |  |    |                |
|------------------------|------------|------|--|--|----|----------------|
| Potassium, Total       | 7440-09-7  | mg/l |  |  | -- | <b>7000</b>    |
| Selenium, Total        | 7782-49-2  | mg/l |  |  | -- | <b>1.4 J</b>   |
| Silver, Total          | 7440-22-4  | mg/l |  |  | -- | <b>1.6</b>     |
| Sodium, Total          | 7440-23-5  | mg/l |  |  | -- | <b>22000</b>   |
| Thallium, Total        | 7440-28-0  | mg/l |  |  | -- | <b>0.29</b>    |
| Vanadium, Total        | 7440-62-2  | mg/l |  |  | -- | <b>34</b>      |
| Zinc, Total            | 7440-66-6  | mg/l |  |  | -- | <b>160</b>     |
| <b>General</b>         |            |      |  |  |    |                |
| Alkalinity             | STL00171   | mg/L |  |  | -- | <b>83</b>      |
| Chloride               | 16887-00-6 | mg/L |  |  | -- |                |
| Fluoride               | 16984-48-8 | mg/L |  |  | -- |                |
| Nitrate as N           | 14797-55-8 | mg/L |  |  | -- |                |
| pH                     | STL00204   | SU   |  |  | -- | <b>8.03 HF</b> |
| Sulfate                | 14808-79-8 | mg/L |  |  | -- |                |
| Total Dissolved Solids | STL00242   | mg/L |  |  | -- | <b>260</b>     |
| Total Hardness         | STL00009   | mg/L |  |  | -- | <b>210</b>     |
| Total Suspended Solids | STL00161   | mg/L |  |  | -- | <b>910</b>     |

**Bold - Bolded results identify a detected value.**

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

Highlighted cells denote results that exceed the lowest benchmark value

Table 1  
 Surfacewater Analytical Data - Region 6  
 Upper Animas River

| Analyte                 | CAS.NO    | Units |         |     | Location  | LVW-WPI  |
|-------------------------|-----------|-------|---------|-----|-----------|----------|
|                         |           |       |         |     | Sample ID | 11       |
|                         |           |       |         |     | Date      | 8/8/2015 |
|                         |           |       |         |     |           |          |
| Recreationa Agriculture |           |       |         |     |           |          |
| Metals, Dissolved       |           |       | I RSL e |     |           |          |
| Aluminum, Dissolved     | 7429-90-5 | mg/l  | 170000  |     | --        | 270      |
| Antimony, Dissolved     | 7440-36-0 | mg/l  |         |     | --        | < 1 U    |
| Arsenic, Dissolved      | 7440-38-2 | mg/l  | 50      | 100 | --        | 0.76 J   |
| Barium, Dissolved       | 7440-39-3 | mg/l  | 33000   |     | --        | 70       |
| Beryllium, Dissolved    | 7440-41-7 | mg/l  | 330     | 100 | --        | < 0.4 U  |
| Cadmium, Dissolved      | 7440-43-9 | mg/l  | 83      | 10  | --        | < 0.1 U  |
| Calcium, Dissolved      | 7440-70-2 | mg/l  |         |     | --        | 51000    |
| Chromium, Dissolved     | 7440-47-3 | mg/l  | 210000  | 100 | --        | < 2 U    |
| Cobalt, Dissolved       | 7440-48-4 | mg/l  | 50      |     | --        | 0.18 J   |
| Copper, Dissolved       | 7440-50-8 | mg/l  | 6700    | 100 | --        | 1.5      |
| Iron, Dissolved         | 7439-89-6 | mg/l  | 120000  |     | --        | 150      |
| Lead, Dissolved         | 7439-92-1 | mg/l  | 200     | 100 | --        | 0.36     |
| Magnesium, Dissolved    | 7439-95-4 | mg/l  |         |     | --        | 6500     |
| Manganese, Dissolved    | 7439-96-5 | mg/l  | 7800    | 200 | --        | 3.5      |
| Mercury, Dissolved      | 7439-97-6 | mg/l  |         |     | --        | < 0.2 U  |
| Molybdenum, Dissolved   | 7439-98-7 | mg/l  |         |     | --        | 1.8      |
| Nickel, Dissolved       | 7440-02-0 | mg/l  | 330     | 200 | --        | 1.5      |
| Potassium, Dissolved    | 7440-09-7 | mg/l  |         |     | --        | 2500     |
| Selenium, Dissolved     | 7782-49-2 | mg/l  |         | 20  | --        | < 2 U    |
| Silver, Dissolved       | 7440-22-4 | mg/l  |         |     | --        | < 1 U    |
| Sodium, Dissolved       | 7440-23-5 | mg/l  |         |     | --        | 19000    |
| Thallium, Dissolved     | 7440-28-0 | mg/l  | 1.7     |     | --        | 0.15 J   |
| Vanadium, Dissolved     | 7440-62-2 | mg/l  | 830     |     | --        | 0.68 J   |
| Zinc, Dissolved         | 7440-66-6 | mg/l  | 50000   |     | --        | < 20 U   |
| Metals, Total           |           |       |         |     |           |          |
| Aluminum, Total         | 7429-90-5 | mg/l  |         |     | --        | 29000    |
| Antimony, Total         | 7440-36-0 | mg/l  |         |     | --        | 1.2      |
| Arsenic, Total          | 7440-38-2 | mg/l  |         |     | --        | 15       |
| Barium, Total           | 7440-39-3 | mg/l  |         |     | --        | 400      |
| Beryllium, Total        | 7440-41-7 | mg/l  |         |     | --        | 1.5      |
| Cadmium, Total          | 7440-43-9 | mg/l  |         |     | --        | 0.45     |
| Calcium, Total          | 7440-70-2 | mg/l  |         |     | --        | 67000    |
| Chromium, Total         | 7440-47-3 | mg/l  |         |     | --        | 17       |
| Cobalt, Total           | 7440-48-4 | mg/l  |         |     | --        | 10       |
| Copper, Total           | 7440-50-8 | mg/l  |         |     | --        | 58       |
| Iron, Total             | 7439-89-6 | mg/l  |         |     | --        | 36000    |
| Lead, Total             | 7439-92-1 | mg/l  |         |     | --        | 240      |
| Magnesium, Total        | 7439-95-4 | mg/l  |         |     | --        | 12000    |
| Manganese, Total        | 7439-96-5 | mg/l  |         |     | --        | 620      |
| Mercury, Total          | 7439-97-6 | mg/l  |         |     | --        | < 0.2 U  |
| Molybdenum, Total       | 7439-98-7 | mg/l  |         |     | --        | 4.4      |
| Nickel, Total           | 7440-02-0 | mg/l  |         |     | --        | 14       |

Table 1  
 Surfacewater Analytical Data - Region 6  
 Upper Animas River

|                        |            |      |  |  |    |                |
|------------------------|------------|------|--|--|----|----------------|
| Potassium, Total       | 7440-09-7  | mg/l |  |  | -- | <b>8400</b>    |
| Selenium, Total        | 7782-49-2  | mg/l |  |  | -- | <b>1 J</b>     |
| Silver, Total          | 7440-22-4  | mg/l |  |  | -- | <b>1.5</b>     |
| Sodium, Total          | 7440-23-5  | mg/l |  |  | -- | <b>21000</b>   |
| Thallium, Total        | 7440-28-0  | mg/l |  |  | -- | <b>0.37</b>    |
| Vanadium, Total        | 7440-62-2  | mg/l |  |  | -- | <b>46</b>      |
| Zinc, Total            | 7440-66-6  | mg/l |  |  | -- | <b>170</b>     |
| <b>General</b>         |            |      |  |  |    |                |
| Alkalinity             | STL00171   | mg/L |  |  | -- | <b>83</b>      |
| Chloride               | 16887-00-6 | mg/L |  |  | -- |                |
| Fluoride               | 16984-48-8 | mg/L |  |  | -- |                |
| Nitrate as N           | 14797-55-8 | mg/L |  |  | -- |                |
| pH                     | STL00204   | SU   |  |  | -- | <b>8.02 HF</b> |
| Sulfate                | 14808-79-8 | mg/L |  |  | -- |                |
| Total Dissolved Solids | STL00242   | mg/L |  |  | -- | <b>270</b>     |
| Total Hardness         | STL00009   | mg/L |  |  | -- | <b>220</b>     |
| Total Suspended Solids | STL00161   | mg/L |  |  | -- | <b>1100</b>    |

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MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

Highlighted cells denote results that exceed the lowest benchmark value



Table 1  
 Surfacewater Analytical Data - Region 6  
 Upper Animas River

| Analyte                   | CAS.NO    | Units |        |     | Location  | MWSS-ARI |
|---------------------------|-----------|-------|--------|-----|-----------|----------|
|                           |           |       |        |     | Sample ID | 11       |
|                           |           |       |        |     | Date      | 8/8/2015 |
|                           |           |       |        |     |           |          |
| Recreationa Agriculture   |           |       |        |     |           |          |
| Metals, Dissolved I RSL e |           |       |        |     |           |          |
| Aluminum, Dissolved       | 7429-90-5 | mg/l  | 170000 |     | --        | < 200 U  |
| Antimony, Dissolved       | 7440-36-0 | mg/l  |        |     | --        | < 1 U    |
| Arsenic, Dissolved        | 7440-38-2 | mg/l  | 50     | 100 | --        | 0.52 J   |
| Barium, Dissolved         | 7440-39-3 | mg/l  | 33000  |     | --        | 57       |
| Beryllium, Dissolved      | 7440-41-7 | mg/l  | 330    | 100 | --        | < 0.4 U  |
| Cadmium, Dissolved        | 7440-43-9 | mg/l  | 83     | 10  | --        | < 0.1 U  |
| Calcium, Dissolved        | 7440-70-2 | mg/l  |        |     | --        | 67000    |
| Chromium, Dissolved       | 7440-47-3 | mg/l  | 210000 | 100 | --        | < 2 U    |
| Cobalt, Dissolved         | 7440-48-4 | mg/l  | 50     |     | --        | 0.15 J   |
| Copper, Dissolved         | 7440-50-8 | mg/l  | 6700   | 100 | --        | 1.6      |
| Iron, Dissolved           | 7439-89-6 | mg/l  | 120000 |     | --        | < 50 U   |
| Lead, Dissolved           | 7439-92-1 | mg/l  | 200    | 100 | --        | 0.23 J   |
| Magnesium, Dissolved      | 7439-95-4 | mg/l  |        |     | --        | 8600     |
| Manganese, Dissolved      | 7439-96-5 | mg/l  | 7800   | 200 | --        | 4.3      |
| Mercury, Dissolved        | 7439-97-6 | mg/l  |        |     | --        | < 0.2 U  |
| Molybdenum, Dissolved     | 7439-98-7 | mg/l  |        |     | --        | 1.7      |
| Nickel, Dissolved         | 7440-02-0 | mg/l  | 330    | 200 | --        | 1.9      |
| Potassium, Dissolved      | 7440-09-7 | mg/l  |        |     | --        | 2200     |
| Selenium, Dissolved       | 7782-49-2 | mg/l  |        | 20  | --        | < 2 U    |
| Silver, Dissolved         | 7440-22-4 | mg/l  |        |     | --        | < 1 U    |
| Sodium, Dissolved         | 7440-23-5 | mg/l  |        |     | --        | 16000    |
| Thallium, Dissolved       | 7440-28-0 | mg/l  | 1.7    |     | --        | < 0.2 U  |
| Vanadium, Dissolved       | 7440-62-2 | mg/l  | 830    |     | --        | 0.3 J    |
| Zinc, Dissolved           | 7440-66-6 | mg/l  | 50000  |     | --        | < 20 U   |
| Metals, Total             |           |       |        |     |           |          |
| Aluminum, Total           | 7429-90-5 | mg/l  |        |     | --        | 4600     |
| Antimony, Total           | 7440-36-0 | mg/l  |        |     | --        | 1.5      |
| Arsenic, Total            | 7440-38-2 | mg/l  |        |     | --        | 11       |
| Barium, Total             | 7440-39-3 | mg/l  |        |     | --        | 110      |
| Beryllium, Total          | 7440-41-7 | mg/l  |        |     | --        | 0.29 J   |
| Cadmium, Total            | 7440-43-9 | mg/l  |        |     | --        | 0.51     |
| Calcium, Total            | 7440-70-2 | mg/l  |        |     | --        | 68000    |
| Chromium, Total           | 7440-47-3 | mg/l  |        |     | --        | 1.8 J    |
| Cobalt, Total             | 7440-48-4 | mg/l  |        |     | --        | 1.3      |
| Copper, Total             | 7440-50-8 | mg/l  |        |     | --        | 46       |
| Iron, Total               | 7439-89-6 | mg/l  |        |     | --        | 14000    |
| Lead, Total               | 7439-92-1 | mg/l  |        |     | --        | 210      |
| Magnesium, Total          | 7439-95-4 | mg/l  |        |     | --        | 9200     |
| Manganese, Total          | 7439-96-5 | mg/l  |        |     | --        | 230      |
| Mercury, Total            | 7439-97-6 | mg/l  |        |     | --        | < 0.2 U  |
| Molybdenum, Total         | 7439-98-7 | mg/l  |        |     | --        | 3.9      |
| Nickel, Total             | 7440-02-0 | mg/l  |        |     | --        | 2.2      |

Table 1  
 Surfacewater Analytical Data - Region 6  
 Upper Animas River

|                        |            |      |  |  |    |                |
|------------------------|------------|------|--|--|----|----------------|
| Potassium, Total       | 7440-09-7  | mg/l |  |  | -- | <b>3600</b>    |
| Selenium, Total        | 7782-49-2  | mg/l |  |  | -- | <b>0.69 J</b>  |
| Silver, Total          | 7440-22-4  | mg/l |  |  | -- | <b>1.5</b>     |
| Sodium, Total          | 7440-23-5  | mg/l |  |  | -- | <b>16000</b>   |
| Thallium, Total        | 7440-28-0  | mg/l |  |  | -- | <b>0.11 J</b>  |
| Vanadium, Total        | 7440-62-2  | mg/l |  |  | -- | <b>10</b>      |
| Zinc, Total            | 7440-66-6  | mg/l |  |  | -- | <b>170</b>     |
| <b>General</b>         |            |      |  |  |    |                |
| Alkalinity             | STL00171   | mg/L |  |  | -- | <b>89</b>      |
| Chloride               | 16887-00-6 | mg/L |  |  | -- |                |
| Fluoride               | 16984-48-8 | mg/L |  |  | -- |                |
| Nitrate as N           | 14797-55-8 | mg/L |  |  | -- |                |
| pH                     | STL00204   | SU   |  |  | -- | <b>8.12 HF</b> |
| Sulfate                | 14808-79-8 | mg/L |  |  | -- |                |
| Total Dissolved Solids | STL00242   | mg/L |  |  | -- | <b>290</b>     |
| Total Hardness         | STL00009   | mg/L |  |  | -- | <b>210</b>     |
| Total Suspended Solids | STL00161   | mg/L |  |  | -- | <b>150</b>     |

**Bold - Bolded results identify a detected value.**

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MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

Highlighted cells denote results that exceed the lowest benchmark value

Table 1  
 Surfacewater Analytical Data - Region 6  
 Upper Animas River

| Analyte                 | CAS.NO    | Units |        |     | Location  | NSW-ARI           |
|-------------------------|-----------|-------|--------|-----|-----------|-------------------|
|                         |           |       |        |     | Sample ID | NSW-ARI-150808-11 |
|                         |           |       |        |     | Date      | 8/8/2015          |
|                         |           |       |        |     |           |                   |
| Recreationa Agriculture |           |       |        |     |           |                   |
| Metals, Dissolved       |           |       | IRSL   |     |           |                   |
| Aluminum, Dissolved     | 7429-90-5 | mg/l  | 170000 |     | --        | < 200 U           |
| Antimony, Dissolved     | 7440-36-0 | mg/l  |        |     | --        | < 1 U             |
| Arsenic, Dissolved      | 7440-38-2 | mg/l  | 50     | 100 | --        | 0.62 J            |
| Barium, Dissolved       | 7440-39-3 | mg/l  | 33000  |     | --        | 52                |
| Beryllium, Dissolved    | 7440-41-7 | mg/l  | 330    | 100 | --        | < 0.4 U           |
| Cadmium, Dissolved      | 7440-43-9 | mg/l  | 83     | 10  | --        | < 0.1 U           |
| Calcium, Dissolved      | 7440-70-2 | mg/l  |        |     | --        | 58000             |
| Chromium, Dissolved     | 7440-47-3 | mg/l  | 210000 | 100 | --        | < 2 U             |
| Cobalt, Dissolved       | 7440-48-4 | mg/l  | 50     |     | --        | 0.12 J            |
| Copper, Dissolved       | 7440-50-8 | mg/l  | 6700   | 100 | --        | 1.5               |
| Iron, Dissolved         | 7439-89-6 | mg/l  | 120000 |     | --        | < 50 U            |
| Lead, Dissolved         | 7439-92-1 | mg/l  | 200    | 100 | --        | 0.15 J            |
| Magnesium, Dissolved    | 7439-95-4 | mg/l  |        |     | --        | 7900              |
| Manganese, Dissolved    | 7439-96-5 | mg/l  | 7800   | 200 | --        | 5.4               |
| Mercury, Dissolved      | 7439-97-6 | mg/l  |        |     | --        | < 0.2 U           |
| Molybdenum, Dissolved   | 7439-98-7 | mg/l  |        |     | --        | 1.3               |
| Nickel, Dissolved       | 7440-02-0 | mg/l  | 330    | 200 | --        | 1.3               |
| Potassium, Dissolved    | 7440-09-7 | mg/l  |        |     | --        | 2200              |
| Selenium, Dissolved     | 7782-49-2 | mg/l  |        | 20  | --        | < 2 U             |
| Silver, Dissolved       | 7440-22-4 | mg/l  |        |     | --        | < 1 U             |
| Sodium, Dissolved       | 7440-23-5 | mg/l  |        |     | --        | 12000             |
| Thallium, Dissolved     | 7440-28-0 | mg/l  | 1.7    |     | --        | < 0.2 U           |
| Vanadium, Dissolved     | 7440-62-2 | mg/l  | 830    |     | --        | < 1 U             |
| Zinc, Dissolved         | 7440-66-6 | mg/l  | 50000  |     | --        | < 20 U            |
| Metals, Total           |           |       |        |     |           |                   |
| Aluminum, Total         | 7429-90-5 | mg/l  |        |     | --        | 2200              |
| Antimony, Total         | 7440-36-0 | mg/l  |        |     | --        | 0.93 J            |
| Arsenic, Total          | 7440-38-2 | mg/l  |        |     | --        | 6.1               |
| Barium, Total           | 7440-39-3 | mg/l  |        |     | --        | 80                |
| Beryllium, Total        | 7440-41-7 | mg/l  |        |     | --        | 0.16 J            |
| Cadmium, Total          | 7440-43-9 | mg/l  |        |     | --        | 0.38              |
| Calcium, Total          | 7440-70-2 | mg/l  |        |     | --        | 63000             |
| Chromium, Total         | 7440-47-3 | mg/l  |        |     | --        | < 2 U             |
| Cobalt, Total           | 7440-48-4 | mg/l  |        |     | --        | 0.78              |
| Copper, Total           | 7440-50-8 | mg/l  |        |     | --        | 29                |
| Iron, Total             | 7439-89-6 | mg/l  |        |     | --        | 8300              |
| Lead, Total             | 7439-92-1 | mg/l  |        |     | --        | 110               |
| Magnesium, Total        | 7439-95-4 | mg/l  |        |     | --        | 8700              |
| Manganese, Total        | 7439-96-5 | mg/l  |        |     | --        | 170               |
| Mercury, Total          | 7439-97-6 | mg/l  |        |     | --        | < 0.2 U           |
| Molybdenum, Total       | 7439-98-7 | mg/l  |        |     | --        | 2.5               |
| Nickel, Total           | 7440-02-0 | mg/l  |        |     | --        | 1.7               |

Table 1  
 Surfacewater Analytical Data - Region 6  
 Upper Animas River

|                        |            |      |  |  |    |                |
|------------------------|------------|------|--|--|----|----------------|
| Potassium, Total       | 7440-09-7  | mg/l |  |  | -- | <b>3000</b>    |
| Selenium, Total        | 7782-49-2  | mg/l |  |  | -- | <b>0.61 J</b>  |
| Silver, Total          | 7440-22-4  | mg/l |  |  | -- | <b>0.8 J</b>   |
| Sodium, Total          | 7440-23-5  | mg/l |  |  | -- | <b>13000</b>   |
| Thallium, Total        | 7440-28-0  | mg/l |  |  | -- | < 0.2 U        |
| Vanadium, Total        | 7440-62-2  | mg/l |  |  | -- | <b>5.5</b>     |
| Zinc, Total            | 7440-66-6  | mg/l |  |  | -- | <b>130</b>     |
| <b>General</b>         |            |      |  |  |    |                |
| Alkalinity             | STL00171   | mg/L |  |  | -- | <b>99</b>      |
| Chloride               | 16887-00-6 | mg/L |  |  | -- |                |
| Fluoride               | 16984-48-8 | mg/L |  |  | -- |                |
| Nitrate as N           | 14797-55-8 | mg/L |  |  | -- |                |
| pH                     | STL00204   | SU   |  |  | -- | <b>8.12 HF</b> |
| Sulfate                | 14808-79-8 | mg/L |  |  | -- |                |
| Total Dissolved Solids | STL00242   | mg/L |  |  | -- | <b>270</b>     |
| Total Hardness         | STL00009   | mg/L |  |  | -- | <b>190</b>     |
| Total Suspended Solids | STL00161   | mg/L |  |  | -- | <b>71</b>      |

**Bold - Bolded results identify a detected value.**

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

Highlighted cells denote results that exceed the lowest benchmark value

Table 1  
 Surfacewater Analytical Data - Region 6  
 Upper Animas River

| Analyte                | CAS.NO    | Units |        |     | Location  | ADW-010           |
|------------------------|-----------|-------|--------|-----|-----------|-------------------|
|                        |           |       |        |     | Sample ID | ADW-010-150809-11 |
|                        |           |       |        |     | Date      | 8/9/2015          |
|                        |           |       |        |     |           |                   |
| Recreation Agriculture |           |       |        |     |           |                   |
| Metals, Dissolved      |           |       |        |     |           |                   |
| Aluminum, Dissolved    | 7429-90-5 | mg/l  | 170000 |     | --        | 24                |
| Antimony, Dissolved    | 7440-36-0 | mg/l  |        |     | --        | 0.4               |
| Arsenic, Dissolved     | 7440-38-2 | mg/l  | 50     | 100 | --        | 0.37              |
| Barium, Dissolved      | 7440-39-3 | mg/l  | 33000  |     | --        | 60                |
| Beryllium, Dissolved   | 7440-41-7 | mg/l  | 330    | 100 | --        | 0.15              |
| Cadmium, Dissolved     | 7440-43-9 | mg/l  | 83     | 10  | --        | 0.043             |
| Calcium, Dissolved     | 7440-70-2 | mg/l  |        |     | --        | 63000             |
| Chromium, Dissolved    | 7440-47-3 | mg/l  | 210000 | 100 | --        | 1                 |
| Cobalt, Dissolved      | 7440-48-4 | mg/l  | 50     |     | --        | 0.12              |
| Copper, Dissolved      | 7440-50-8 | mg/l  | 6700   | 100 | --        | 1.9               |
| Iron, Dissolved        | 7439-89-6 | mg/l  | 120000 |     | --        | 17                |
| Lead, Dissolved        | 7439-92-1 | mg/l  | 200    | 100 | --        | 0.18              |
| Magnesium, Dissolved   | 7439-95-4 | mg/l  |        |     | --        | 8700              |
| Manganese, Dissolved   | 7439-96-5 | mg/l  | 7800   | 200 | --        | 9.3               |
| Mercury, Dissolved     | 7439-97-6 | mg/l  |        |     | --        | 0.08 U            |
| Molybdenum, Dissolved  | 7439-98-7 | mg/l  |        |     | --        | 1.1               |
| Nickel, Dissolved      | 7440-02-0 | mg/l  | 330    | 200 | --        | 0.99              |
| Potassium, Dissolved   | 7440-09-7 | mg/l  |        |     | --        | 2200              |
| Selenium, Dissolved    | 7782-49-2 | mg/l  |        | 20  | --        | 2                 |
| Silver, Dissolved      | 7440-22-4 | mg/l  |        |     | --        | 0.1               |
| Sodium, Dissolved      | 7440-23-5 | mg/l  |        |     | --        | 14000             |
| Thallium, Dissolved    | 7440-28-0 | mg/l  | 1.7    |     | --        | 0.1               |
| Vanadium, Dissolved    | 7440-62-2 | mg/l  | 830    |     | --        | 0.3               |
| Zinc, Dissolved        | 7440-66-6 | mg/l  | 50000  |     | --        | 29                |
| Metals, Total          |           |       |        |     |           |                   |
| Aluminum, Total        | 7429-90-5 | mg/l  |        |     | --        | 440               |
| Antimony, Total        | 7440-36-0 | mg/l  |        |     | --        | 0.4               |
| Arsenic, Total         | 7440-38-2 | mg/l  |        |     | --        | 1.3               |
| Barium, Total          | 7440-39-3 | mg/l  |        |     | --        | 70                |
| Beryllium, Total       | 7440-41-7 | mg/l  |        |     | --        | 0.15              |
| Cadmium, Total         | 7440-43-9 | mg/l  |        |     | --        | 0.19              |
| Calcium, Total         | 7440-70-2 | mg/l  |        |     | --        | 64000             |
| Chromium, Total        | 7440-47-3 | mg/l  |        |     | --        | 1                 |
| Cobalt, Total          | 7440-48-4 | mg/l  |        |     | --        | 0.42              |
| Copper, Total          | 7440-50-8 | mg/l  |        |     | --        | 9.2               |
| Iron, Total            | 7439-89-6 | mg/l  |        |     | --        | 1800              |
| Lead, Total            | 7439-92-1 | mg/l  |        |     | --        | 14                |
| Magnesium, Total       | 7439-95-4 | mg/l  |        |     | --        | 8600              |
| Manganese, Total       | 7439-96-5 | mg/l  |        |     | --        | 120               |
| Mercury, Total         | 7439-97-6 | mg/l  |        |     | --        | 0.08 U            |
| Molybdenum, Total      | 7439-98-7 | mg/l  |        |     | --        | 0.86              |
| Nickel, Total          | 7440-02-0 | mg/l  |        |     | --        | 1                 |

Table 1  
 Surfacewater Analytical Data - Region 6  
 Upper Animas River

|                        |            |      |  |  |    |       |
|------------------------|------------|------|--|--|----|-------|
| Potassium, Total       | 7440-09-7  | mg/l |  |  | -- | 2300  |
| Selenium, Total        | 7782-49-2  | mg/l |  |  | -- | 2     |
| Silver, Total          | 7440-22-4  | mg/l |  |  | -- | 0.1   |
| Sodium, Total          | 7440-23-5  | mg/l |  |  | -- | 14000 |
| Thallium, Total        | 7440-28-0  | mg/l |  |  | -- | 0.1   |
| Vanadium, Total        | 7440-62-2  | mg/l |  |  | -- | 1.6   |
| Zinc, Total            | 7440-66-6  | mg/l |  |  | -- | 63    |
| <b>General</b>         |            |      |  |  |    |       |
| Alkalinity             | STL00171   | mg/L |  |  | -- | 91    |
| Chloride               | 16887-00-6 | mg/L |  |  | -- |       |
| Fluoride               | 16984-48-8 | mg/L |  |  | -- |       |
| Nitrate as N           | 14797-55-8 | mg/L |  |  | -- |       |
| pH                     | STL00204   | SU   |  |  | -- | 8.09  |
| Sulfate                | 14808-79-8 | mg/L |  |  | -- |       |
| Total Dissolved Solids | STL00242   | mg/L |  |  | -- | 260   |
| Total Hardness         | STL00009   | mg/L |  |  | -- | 190   |
| Total Suspended Solids | STL00161   | mg/L |  |  | -- | 260   |

**Bold - Bolded results identify a detected value.**

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

Highlighted cells denote results that exceed the lowest benchmark value

Table 1  
 Surfacewater Analytical Data - Region 6  
 Upper Animas River

| Analyte                 | CAS.NO    | Units |        |     | Location  | ADW-021           |
|-------------------------|-----------|-------|--------|-----|-----------|-------------------|
|                         |           |       |        |     | Sample ID | ADW-021-150809-11 |
|                         |           |       |        |     | Date      | 8/9/2015          |
|                         |           |       |        |     |           |                   |
| Recreationa Agriculture |           |       |        |     |           |                   |
| Metals, Dissolved       |           |       |        |     |           |                   |
| Aluminum, Dissolved     | 7429-90-5 | mg/l  | 170000 |     | --        | 24                |
| Antimony, Dissolved     | 7440-36-0 | mg/l  |        |     | --        | 0.4               |
| Arsenic, Dissolved      | 7440-38-2 | mg/l  | 50     | 100 | --        | 0.37              |
| Barium, Dissolved       | 7440-39-3 | mg/l  | 33000  |     | --        | 59                |
| Beryllium, Dissolved    | 7440-41-7 | mg/l  | 330    | 100 | --        | 0.15              |
| Cadmium, Dissolved      | 7440-43-9 | mg/l  | 83     | 10  | --        | 0.043             |
| Calcium, Dissolved      | 7440-70-2 | mg/l  |        |     | --        | 63000             |
| Chromium, Dissolved     | 7440-47-3 | mg/l  | 210000 | 100 | --        | 1                 |
| Cobalt, Dissolved       | 7440-48-4 | mg/l  | 50     |     | --        | 0.12              |
| Copper, Dissolved       | 7440-50-8 | mg/l  | 6700   | 100 | --        | 1.8               |
| Iron, Dissolved         | 7439-89-6 | mg/l  | 120000 |     | --        | 17                |
| Lead, Dissolved         | 7439-92-1 | mg/l  | 200    | 100 | --        | 0.076             |
| Magnesium, Dissolved    | 7439-95-4 | mg/l  |        |     | --        | 8600              |
| Manganese, Dissolved    | 7439-96-5 | mg/l  | 7800   | 200 | --        | 8.9               |
| Mercury, Dissolved      | 7439-97-6 | mg/l  |        |     | --        | 0.08 U            |
| Molybdenum, Dissolved   | 7439-98-7 | mg/l  |        |     | --        | 1                 |
| Nickel, Dissolved       | 7440-02-0 | mg/l  | 330    | 200 | --        | 1.2               |
| Potassium, Dissolved    | 7440-09-7 | mg/l  |        |     | --        | 2100              |
| Selenium, Dissolved     | 7782-49-2 | mg/l  |        | 20  | --        | 2                 |
| Silver, Dissolved       | 7440-22-4 | mg/l  |        |     | --        | 0.1               |
| Sodium, Dissolved       | 7440-23-5 | mg/l  |        |     | --        | 13000             |
| Thallium, Dissolved     | 7440-28-0 | mg/l  | 1.7    |     | --        | 0.1               |
| Vanadium, Dissolved     | 7440-62-2 | mg/l  | 830    |     | --        | 0.3               |
| Zinc, Dissolved         | 7440-66-6 | mg/l  | 50000  |     | --        | 9.1               |
| Metals, Total           |           |       |        |     |           |                   |
| Aluminum, Total         | 7429-90-5 | mg/l  |        |     | --        | 400               |
| Antimony, Total         | 7440-36-0 | mg/l  |        |     | --        | 0.4               |
| Arsenic, Total          | 7440-38-2 | mg/l  |        |     | --        | 1.3               |
| Barium, Total           | 7440-39-3 | mg/l  |        |     | --        | 70                |
| Beryllium, Total        | 7440-41-7 | mg/l  |        |     | --        | 0.15              |
| Cadmium, Total          | 7440-43-9 | mg/l  |        |     | --        | 0.14              |
| Calcium, Total          | 7440-70-2 | mg/l  |        |     | --        | 65000             |
| Chromium, Total         | 7440-47-3 | mg/l  |        |     | --        | 1                 |
| Cobalt, Total           | 7440-48-4 | mg/l  |        |     | --        | 0.39              |
| Copper, Total           | 7440-50-8 | mg/l  |        |     | --        | 8.6               |
| Iron, Total             | 7439-89-6 | mg/l  |        |     | --        | 1600              |
| Lead, Total             | 7439-92-1 | mg/l  |        |     | --        | 14                |
| Magnesium, Total        | 7439-95-4 | mg/l  |        |     | --        | 8700              |
| Manganese, Total        | 7439-96-5 | mg/l  |        |     | --        | 110               |
| Mercury, Total          | 7439-97-6 | mg/l  |        |     | --        | 0.08 U            |
| Molybdenum, Total       | 7439-98-7 | mg/l  |        |     | --        | 0.91              |
| Nickel, Total           | 7440-02-0 | mg/l  |        |     | --        | 1                 |

Table 1  
 Surfacewater Analytical Data - Region 6  
 Upper Animas River

|                        |            |      |  |  |    |       |
|------------------------|------------|------|--|--|----|-------|
| Potassium, Total       | 7440-09-7  | mg/l |  |  | -- | 2200  |
| Selenium, Total        | 7782-49-2  | mg/l |  |  | -- | 2     |
| Silver, Total          | 7440-22-4  | mg/l |  |  | -- | 0.1   |
| Sodium, Total          | 7440-23-5  | mg/l |  |  | -- | 13000 |
| Thallium, Total        | 7440-28-0  | mg/l |  |  | -- | 0.1   |
| Vanadium, Total        | 7440-62-2  | mg/l |  |  | -- | 1.4   |
| Zinc, Total            | 7440-66-6  | mg/l |  |  | -- | 60    |
| <b>General</b>         |            |      |  |  |    |       |
| Alkalinity             | STL00171   | mg/L |  |  | -- | 85    |
| Chloride               | 16887-00-6 | mg/L |  |  | -- |       |
| Fluoride               | 16984-48-8 | mg/L |  |  | -- |       |
| Nitrate as N           | 14797-55-8 | mg/L |  |  | -- |       |
| pH                     | STL00204   | SU   |  |  | -- | 7.67  |
| Sulfate                | 14808-79-8 | mg/L |  |  | -- |       |
| Total Dissolved Solids | STL00242   | mg/L |  |  | -- | 160   |
| Total Hardness         | STL00009   | mg/L |  |  | -- | 200   |
| Total Suspended Solids | STL00161   | mg/L |  |  | -- | 160   |

**Bold - Bolded results identify a detected value.**

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

Highlighted cells denote results that exceed the lowest benchmark value



Table 1  
 Surfacewater Analytical Data - Region 6  
 Upper Animas River

| Analyte                 | CAS.NO    | Units |        |     | Location  | ADW-022           |
|-------------------------|-----------|-------|--------|-----|-----------|-------------------|
|                         |           |       |        |     | Sample ID | ADW-022-150809-11 |
|                         |           |       |        |     | Date      | 8/9/2015          |
|                         |           |       |        |     |           |                   |
| Recreationa Agriculture |           |       |        |     |           |                   |
| Metals, Dissolved       |           |       |        |     |           |                   |
| Aluminum, Dissolved     | 7429-90-5 | mg/l  | 170000 |     | --        | 37                |
| Antimony, Dissolved     | 7440-36-0 | mg/l  |        |     | --        | 0.4               |
| Arsenic, Dissolved      | 7440-38-2 | mg/l  | 50     | 100 | --        | 0.37              |
| Barium, Dissolved       | 7440-39-3 | mg/l  | 33000  |     | --        | 61                |
| Beryllium, Dissolved    | 7440-41-7 | mg/l  | 330    | 100 | --        | 0.15              |
| Cadmium, Dissolved      | 7440-43-9 | mg/l  | 83     | 10  | --        | 0.043             |
| Calcium, Dissolved      | 7440-70-2 | mg/l  |        |     | --        | 62000             |
| Chromium, Dissolved     | 7440-47-3 | mg/l  | 210000 | 100 | --        | 1                 |
| Cobalt, Dissolved       | 7440-48-4 | mg/l  | 50     |     | --        | 0.12              |
| Copper, Dissolved       | 7440-50-8 | mg/l  | 6700   | 100 | --        | 2                 |
| Iron, Dissolved         | 7439-89-6 | mg/l  | 120000 |     | --        | 17                |
| Lead, Dissolved         | 7439-92-1 | mg/l  | 200    | 100 | --        | 0.33              |
| Magnesium, Dissolved    | 7439-95-4 | mg/l  |        |     | --        | 8300              |
| Manganese, Dissolved    | 7439-96-5 | mg/l  | 7800   | 200 | --        | 14                |
| Mercury, Dissolved      | 7439-97-6 | mg/l  |        |     | --        | 0.08 U            |
| Molybdenum, Dissolved   | 7439-98-7 | mg/l  |        |     | --        | 0.98              |
| Nickel, Dissolved       | 7440-02-0 | mg/l  | 330    | 200 | --        | 1.2               |
| Potassium, Dissolved    | 7440-09-7 | mg/l  |        |     | --        | 2100              |
| Selenium, Dissolved     | 7782-49-2 | mg/l  |        | 20  | --        | 2                 |
| Silver, Dissolved       | 7440-22-4 | mg/l  |        |     | --        | 0.1               |
| Sodium, Dissolved       | 7440-23-5 | mg/l  |        |     | --        | 12000             |
| Thallium, Dissolved     | 7440-28-0 | mg/l  | 1.7    |     | --        | 0.1               |
| Vanadium, Dissolved     | 7440-62-2 | mg/l  | 830    |     | --        | 0.3               |
| Zinc, Dissolved         | 7440-66-6 | mg/l  | 50000  |     | --        | 5.9               |
| Metals, Total           |           |       |        |     |           |                   |
| Aluminum, Total         | 7429-90-5 | mg/l  |        |     | --        | 780               |
| Antimony, Total         | 7440-36-0 | mg/l  |        |     | --        | 0.4               |
| Arsenic, Total          | 7440-38-2 | mg/l  |        |     | --        | 1.7               |
| Barium, Total           | 7440-39-3 | mg/l  |        |     | --        | 71                |
| Beryllium, Total        | 7440-41-7 | mg/l  |        |     | --        | 0.15              |
| Cadmium, Total          | 7440-43-9 | mg/l  |        |     | --        | 0.18              |
| Calcium, Total          | 7440-70-2 | mg/l  |        |     | --        | 62000             |
| Chromium, Total         | 7440-47-3 | mg/l  |        |     | --        | 1                 |
| Cobalt, Total           | 7440-48-4 | mg/l  |        |     | --        | 0.44              |
| Copper, Total           | 7440-50-8 | mg/l  |        |     | --        | 10                |
| Iron, Total             | 7439-89-6 | mg/l  |        |     | --        | 2400              |
| Lead, Total             | 7439-92-1 | mg/l  |        |     | --        | 34                |
| Magnesium, Total        | 7439-95-4 | mg/l  |        |     | --        | 8200              |
| Manganese, Total        | 7439-96-5 | mg/l  |        |     | --        | 98                |
| Mercury, Total          | 7439-97-6 | mg/l  |        |     | --        | 0.08 U            |
| Molybdenum, Total       | 7439-98-7 | mg/l  |        |     | --        | 1.2               |
| Nickel, Total           | 7440-02-0 | mg/l  |        |     | --        | 1.1               |

Table 1  
 Surfacewater Analytical Data - Region 6  
 Upper Animas River

|                        |            |      |  |  |    |       |
|------------------------|------------|------|--|--|----|-------|
| Potassium, Total       | 7440-09-7  | mg/l |  |  | -- | 2200  |
| Selenium, Total        | 7782-49-2  | mg/l |  |  | -- | 2     |
| Silver, Total          | 7440-22-4  | mg/l |  |  | -- | 0.21  |
| Sodium, Total          | 7440-23-5  | mg/l |  |  | -- | 11000 |
| Thallium, Total        | 7440-28-0  | mg/l |  |  | -- | 0.1   |
| Vanadium, Total        | 7440-62-2  | mg/l |  |  | -- | 1.9   |
| Zinc, Total            | 7440-66-6  | mg/l |  |  | -- | 58    |
| <b>General</b>         |            |      |  |  |    |       |
| Alkalinity             | STL00171   | mg/L |  |  | -- | 88    |
| Chloride               | 16887-00-6 | mg/L |  |  | -- |       |
| Fluoride               | 16984-48-8 | mg/L |  |  | -- |       |
| Nitrate as N           | 14797-55-8 | mg/L |  |  | -- |       |
| pH                     | STL00204   | SU   |  |  | -- | 8.16  |
| Sulfate                | 14808-79-8 | mg/L |  |  | -- |       |
| Total Dissolved Solids | STL00242   | mg/L |  |  | -- | 250   |
| Total Hardness         | STL00009   | mg/L |  |  | -- | 190   |
| Total Suspended Solids | STL00161   | mg/L |  |  | -- | 250   |

**Bold - Bolded results identify a detected value.**

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

Highlighted cells denote results that exceed the lowest benchmark value

Table 1  
 Surfacewater Analytical Data - Region 6  
 Upper Animas River

| Analyte                 | CAS.NO    | Units |        |     | Location  | FW-012           |
|-------------------------|-----------|-------|--------|-----|-----------|------------------|
|                         |           |       |        |     | Sample ID | FW-012-150809-11 |
|                         |           |       |        |     | Date      | 8/9/2015         |
|                         |           |       |        |     |           |                  |
| Recreationa Agriculture |           |       |        |     |           |                  |
| Metals, Dissolved I RSL |           |       |        |     |           |                  |
| Aluminum, Dissolved     | 7429-90-5 | mg/l  | 170000 |     | --        | 46               |
| Antimony, Dissolved     | 7440-36-0 | mg/l  |        |     | --        | 0.4              |
| Arsenic, Dissolved      | 7440-38-2 | mg/l  | 50     | 100 | --        | 0.37             |
| Barium, Dissolved       | 7440-39-3 | mg/l  | 33000  |     | --        | 62               |
| Beryllium, Dissolved    | 7440-41-7 | mg/l  | 330    | 100 | --        | 0.15             |
| Cadmium, Dissolved      | 7440-43-9 | mg/l  | 83     | 10  | --        | 0.043            |
| Calcium, Dissolved      | 7440-70-2 | mg/l  |        |     | --        | 68000            |
| Chromium, Dissolved     | 7440-47-3 | mg/l  | 210000 | 100 | --        | 1                |
| Cobalt, Dissolved       | 7440-48-4 | mg/l  | 50     |     | --        | 0.12             |
| Copper, Dissolved       | 7440-50-8 | mg/l  | 6700   | 100 | --        | 2.1              |
| Iron, Dissolved         | 7439-89-6 | mg/l  | 120000 |     | --        | 34               |
| Lead, Dissolved         | 7439-92-1 | mg/l  | 200    | 100 | --        | 0.84             |
| Magnesium, Dissolved    | 7439-95-4 | mg/l  |        |     | --        | 8900             |
| Manganese, Dissolved    | 7439-96-5 | mg/l  | 7800   | 200 | --        | 13               |
| Mercury, Dissolved      | 7439-97-6 | mg/l  |        |     | --        | 0.08 U           |
| Molybdenum, Dissolved   | 7439-98-7 | mg/l  |        |     | --        | 1.2              |
| Nickel, Dissolved       | 7440-02-0 | mg/l  | 330    | 200 | --        | 0.87             |
| Potassium, Dissolved    | 7440-09-7 | mg/l  |        |     | --        | 2200             |
| Selenium, Dissolved     | 7782-49-2 | mg/l  |        | 20  | --        | 2                |
| Silver, Dissolved       | 7440-22-4 | mg/l  |        |     | --        | 0.1              |
| Sodium, Dissolved       | 7440-23-5 | mg/l  |        |     | --        | 16000            |
| Thallium, Dissolved     | 7440-28-0 | mg/l  | 1.7    |     | --        | 0.1              |
| Vanadium, Dissolved     | 7440-62-2 | mg/l  | 830    |     | --        | 0.3              |
| Zinc, Dissolved         | 7440-66-6 | mg/l  | 50000  |     | --        | 15               |
| Metals, Total           |           |       |        |     |           |                  |
| Aluminum, Total         | 7429-90-5 | mg/l  |        |     | --        | 1300             |
| Antimony, Total         | 7440-36-0 | mg/l  |        |     | --        | 0.45             |
| Arsenic, Total          | 7440-38-2 | mg/l  |        |     | --        | 2.2              |
| Barium, Total           | 7440-39-3 | mg/l  |        |     | --        | 80               |
| Beryllium, Total        | 7440-41-7 | mg/l  |        |     | --        | 0.15             |
| Cadmium, Total          | 7440-43-9 | mg/l  |        |     | --        | 0.11             |
| Calcium, Total          | 7440-70-2 | mg/l  |        |     | --        | 68000            |
| Chromium, Total         | 7440-47-3 | mg/l  |        |     | --        | 1                |
| Cobalt, Total           | 7440-48-4 | mg/l  |        |     | --        | 0.62             |
| Copper, Total           | 7440-50-8 | mg/l  |        |     | --        | 12               |
| Iron, Total             | 7439-89-6 | mg/l  |        |     | --        | 3200             |
| Lead, Total             | 7439-92-1 | mg/l  |        |     | --        | 41               |
| Magnesium, Total        | 7439-95-4 | mg/l  |        |     | --        | 9100             |
| Manganese, Total        | 7439-96-5 | mg/l  |        |     | --        | 120              |
| Mercury, Total          | 7439-97-6 | mg/l  |        |     | --        | 0.08 U           |
| Molybdenum, Total       | 7439-98-7 | mg/l  |        |     | --        | 1.6              |
| Nickel, Total           | 7440-02-0 | mg/l  |        |     | --        | 1.4              |

Table 1  
 Surfacewater Analytical Data - Region 6  
 Upper Animas River

|                        |            |      |  |  |    |       |
|------------------------|------------|------|--|--|----|-------|
| Potassium, Total       | 7440-09-7  | mg/l |  |  | -- | 2500  |
| Selenium, Total        | 7782-49-2  | mg/l |  |  | -- | 2     |
| Silver, Total          | 7440-22-4  | mg/l |  |  | -- | 0.27  |
| Sodium, Total          | 7440-23-5  | mg/l |  |  | -- | 16000 |
| Thallium, Total        | 7440-28-0  | mg/l |  |  | -- | 0.1   |
| Vanadium, Total        | 7440-62-2  | mg/l |  |  | -- | 2.6   |
| Zinc, Total            | 7440-66-6  | mg/l |  |  | -- | 63    |
| <b>General</b>         |            |      |  |  |    |       |
| Alkalinity             | STL00171   | mg/L |  |  | -- | 94    |
| Chloride               | 16887-00-6 | mg/L |  |  | -- |       |
| Fluoride               | 16984-48-8 | mg/L |  |  | -- |       |
| Nitrate as N           | 14797-55-8 | mg/L |  |  | -- |       |
| pH                     | STL00204   | SU   |  |  | -- | 8.26  |
| Sulfate                | 14808-79-8 | mg/L |  |  | -- |       |
| Total Dissolved Solids | STL00242   | mg/L |  |  | -- | 290   |
| Total Hardness         | STL00009   | mg/L |  |  | -- | 210   |
| Total Suspended Solids | STL00161   | mg/L |  |  | -- | 290   |

**Bold - Bolded results identify a detected value.**

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MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

Highlighted cells denote results that exceed the lowest benchmark value

Table 1  
 Surfacewater Analytical Data - Region 6  
 Upper Animas River

| Analyte                 | CAS.NO    | Units |        |     | Location  | FW-040           |
|-------------------------|-----------|-------|--------|-----|-----------|------------------|
|                         |           |       |        |     | Sample ID | FW-040-150809-11 |
|                         |           |       |        |     | Date      | 8/9/2015         |
|                         |           |       |        |     |           |                  |
| Recreationa Agriculture |           |       |        |     |           |                  |
| Metals, Dissolved       |           |       |        |     |           |                  |
| Aluminum, Dissolved     | 7429-90-5 | mg/l  | 170000 |     | --        | 24               |
| Antimony, Dissolved     | 7440-36-0 | mg/l  |        |     | --        | 0.4              |
| Arsenic, Dissolved      | 7440-38-2 | mg/l  | 50     | 100 | --        | 0.37             |
| Barium, Dissolved       | 7440-39-3 | mg/l  | 33000  |     | --        | 66               |
| Beryllium, Dissolved    | 7440-41-7 | mg/l  | 330    | 100 | --        | 0.15             |
| Cadmium, Dissolved      | 7440-43-9 | mg/l  | 83     | 10  | --        | 0.043            |
| Calcium, Dissolved      | 7440-70-2 | mg/l  |        |     | --        | 70000            |
| Chromium, Dissolved     | 7440-47-3 | mg/l  | 210000 | 100 | --        | 1                |
| Cobalt, Dissolved       | 7440-48-4 | mg/l  | 50     |     | --        | 0.12             |
| Copper, Dissolved       | 7440-50-8 | mg/l  | 6700   | 100 | --        | 4.3              |
| Iron, Dissolved         | 7439-89-6 | mg/l  | 120000 |     | --        | 17               |
| Lead, Dissolved         | 7439-92-1 | mg/l  | 200    | 100 | --        | 0.19             |
| Magnesium, Dissolved    | 7439-95-4 | mg/l  |        |     | --        | 9200             |
| Manganese, Dissolved    | 7439-96-5 | mg/l  | 7800   | 200 | --        | 6.6              |
| Mercury, Dissolved      | 7439-97-6 | mg/l  |        |     | --        | 0.08 U           |
| Molybdenum, Dissolved   | 7439-98-7 | mg/l  |        |     | --        | 1.2              |
| Nickel, Dissolved       | 7440-02-0 | mg/l  | 330    | 200 | --        | 2.3              |
| Potassium, Dissolved    | 7440-09-7 | mg/l  |        |     | --        | 2300             |
| Selenium, Dissolved     | 7782-49-2 | mg/l  |        | 20  | --        | 2                |
| Silver, Dissolved       | 7440-22-4 | mg/l  |        |     | --        | 0.1              |
| Sodium, Dissolved       | 7440-23-5 | mg/l  |        |     | --        | 16000            |
| Thallium, Dissolved     | 7440-28-0 | mg/l  | 1.7    |     | --        | 0.1              |
| Vanadium, Dissolved     | 7440-62-2 | mg/l  | 830    |     | --        | 0.3              |
| Zinc, Dissolved         | 7440-66-6 | mg/l  | 50000  |     | --        | 86               |
| Metals, Total           |           |       |        |     |           |                  |
| Aluminum, Total         | 7429-90-5 | mg/l  |        |     | --        | 510              |
| Antimony, Total         | 7440-36-0 | mg/l  |        |     | --        | 0.4              |
| Arsenic, Total          | 7440-38-2 | mg/l  |        |     | --        | 1.6              |
| Barium, Total           | 7440-39-3 | mg/l  |        |     | --        | 80               |
| Beryllium, Total        | 7440-41-7 | mg/l  |        |     | --        | 0.15             |
| Cadmium, Total          | 7440-43-9 | mg/l  |        |     | --        | 0.19             |
| Calcium, Total          | 7440-70-2 | mg/l  |        |     | --        | 69000            |
| Chromium, Total         | 7440-47-3 | mg/l  |        |     | --        | 1                |
| Cobalt, Total           | 7440-48-4 | mg/l  |        |     | --        | 0.58             |
| Copper, Total           | 7440-50-8 | mg/l  |        |     | --        | 10               |
| Iron, Total             | 7439-89-6 | mg/l  |        |     | --        | 1900             |
| Lead, Total             | 7439-92-1 | mg/l  |        |     | --        | 14               |
| Magnesium, Total        | 7439-95-4 | mg/l  |        |     | --        | 8800             |
| Manganese, Total        | 7439-96-5 | mg/l  |        |     | --        | 160              |
| Mercury, Total          | 7439-97-6 | mg/l  |        |     | --        | 0.08 U           |
| Molybdenum, Total       | 7439-98-7 | mg/l  |        |     | --        | 0.93             |
| Nickel, Total           | 7440-02-0 | mg/l  |        |     | --        | 1.2              |

Table 1  
 Surfacewater Analytical Data - Region 6  
 Upper Animas River

|                        |            |      |  |  |    |       |
|------------------------|------------|------|--|--|----|-------|
| Potassium, Total       | 7440-09-7  | mg/l |  |  | -- | 2200  |
| Selenium, Total        | 7782-49-2  | mg/l |  |  | -- | 2     |
| Silver, Total          | 7440-22-4  | mg/l |  |  | -- | 0.1   |
| Sodium, Total          | 7440-23-5  | mg/l |  |  | -- | 16000 |
| Thallium, Total        | 7440-28-0  | mg/l |  |  | -- | 0.1   |
| Vanadium, Total        | 7440-62-2  | mg/l |  |  | -- | 1.8   |
| Zinc, Total            | 7440-66-6  | mg/l |  |  | -- | 71    |
| <b>General</b>         |            |      |  |  |    |       |
| Alkalinity             | STL00171   | mg/L |  |  | -- | 110   |
| Chloride               | 16887-00-6 | mg/L |  |  | -- |       |
| Fluoride               | 16984-48-8 | mg/L |  |  | -- |       |
| Nitrate as N           | 14797-55-8 | mg/L |  |  | -- |       |
| pH                     | STL00204   | SU   |  |  | -- | 8.15  |
| Sulfate                | 14808-79-8 | mg/L |  |  | -- |       |
| Total Dissolved Solids | STL00242   | mg/L |  |  | -- | 280   |
| Total Hardness         | STL00009   | mg/L |  |  | -- | 210   |
| Total Suspended Solids | STL00161   | mg/L |  |  | -- | 280   |

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U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

Highlighted cells denote results that exceed the lowest benchmark value

Table 1  
 Surfacewater Analytical Data - Region 6  
 Upper Animas River

| Analyte                 | CAS.NO    | Units |        |     | Location  | LVW-020           |
|-------------------------|-----------|-------|--------|-----|-----------|-------------------|
|                         |           |       |        |     | Sample ID | LVW-020-150809-11 |
|                         |           |       |        |     | Date      | 8/9/2015          |
|                         |           |       |        |     |           |                   |
| Recreationa Agriculture |           |       |        |     |           |                   |
| Metals, Dissolved       |           |       |        |     |           |                   |
| Aluminum, Dissolved     | 7429-90-5 | mg/l  | 170000 |     | --        | 24                |
| Antimony, Dissolved     | 7440-36-0 | mg/l  |        |     | --        | 0.4               |
| Arsenic, Dissolved      | 7440-38-2 | mg/l  | 50     | 100 | --        | 0.78              |
| Barium, Dissolved       | 7440-39-3 | mg/l  | 33000  |     | --        | 73                |
| Beryllium, Dissolved    | 7440-41-7 | mg/l  | 330    | 100 | --        | 0.15              |
| Cadmium, Dissolved      | 7440-43-9 | mg/l  | 83     | 10  | --        | 0.043             |
| Calcium, Dissolved      | 7440-70-2 | mg/l  |        |     | --        | 54000             |
| Chromium, Dissolved     | 7440-47-3 | mg/l  | 210000 | 100 | --        | 1                 |
| Cobalt, Dissolved       | 7440-48-4 | mg/l  | 50     |     | --        | 0.13              |
| Copper, Dissolved       | 7440-50-8 | mg/l  | 6700   | 100 | --        | 1.7               |
| Iron, Dissolved         | 7439-89-6 | mg/l  | 120000 |     | --        | 17                |
| Lead, Dissolved         | 7439-92-1 | mg/l  | 200    | 100 | --        | 0.085             |
| Magnesium, Dissolved    | 7439-95-4 | mg/l  |        |     | --        | 7100              |
| Manganese, Dissolved    | 7439-96-5 | mg/l  | 7800   | 200 | --        | 3.9               |
| Mercury, Dissolved      | 7439-97-6 | mg/l  |        |     | --        | 0.08 U            |
| Molybdenum, Dissolved   | 7439-98-7 | mg/l  |        |     | --        | 1.5               |
| Nickel, Dissolved       | 7440-02-0 | mg/l  | 330    | 200 | --        | 1.3               |
| Potassium, Dissolved    | 7440-09-7 | mg/l  |        |     | --        | 2400              |
| Selenium, Dissolved     | 7782-49-2 | mg/l  |        | 20  | --        | 2                 |
| Silver, Dissolved       | 7440-22-4 | mg/l  |        |     | --        | 0.1               |
| Sodium, Dissolved       | 7440-23-5 | mg/l  |        |     | --        | 20000             |
| Thallium, Dissolved     | 7440-28-0 | mg/l  | 1.7    |     | --        | 0.1               |
| Vanadium, Dissolved     | 7440-62-2 | mg/l  | 830    |     | --        | 0.6               |
| Zinc, Dissolved         | 7440-66-6 | mg/l  | 50000  |     | --        | 66                |
| Metals, Total           |           |       |        |     |           |                   |
| Aluminum, Total         | 7429-90-5 | mg/l  |        |     | --        | 3200              |
| Antimony, Total         | 7440-36-0 | mg/l  |        |     | --        | 0.4               |
| Arsenic, Total          | 7440-38-2 | mg/l  |        |     | --        | 2.4               |
| Barium, Total           | 7440-39-3 | mg/l  |        |     | --        | 170               |
| Beryllium, Total        | 7440-41-7 | mg/l  |        |     | --        | 0.65              |
| Cadmium, Total          | 7440-43-9 | mg/l  |        |     | --        | 0.15              |
| Calcium, Total          | 7440-70-2 | mg/l  |        |     | --        | 63000             |
| Chromium, Total         | 7440-47-3 | mg/l  |        |     | --        | 1.3               |
| Cobalt, Total           | 7440-48-4 | mg/l  |        |     | --        | 3.2               |
| Copper, Total           | 7440-50-8 | mg/l  |        |     | --        | 12                |
| Iron, Total             | 7439-89-6 | mg/l  |        |     | --        | 2400              |
| Lead, Total             | 7439-92-1 | mg/l  |        |     | --        | 11                |
| Magnesium, Total        | 7439-95-4 | mg/l  |        |     | --        | 8000              |
| Manganese, Total        | 7439-96-5 | mg/l  |        |     | --        | 340               |
| Mercury, Total          | 7439-97-6 | mg/l  |        |     | --        | 0.08 U            |
| Molybdenum, Total       | 7439-98-7 | mg/l  |        |     | --        | 0.7               |
| Nickel, Total           | 7440-02-0 | mg/l  |        |     | --        | 3.4               |

Table 1  
 Surfacewater Analytical Data - Region 6  
 Upper Animas River

|                        |            |      |  |  |    |       |
|------------------------|------------|------|--|--|----|-------|
| Potassium, Total       | 7440-09-7  | mg/l |  |  | -- | 3100  |
| Selenium, Total        | 7782-49-2  | mg/l |  |  | -- | 2     |
| Silver, Total          | 7440-22-4  | mg/l |  |  | -- | 0.1   |
| Sodium, Total          | 7440-23-5  | mg/l |  |  | -- | 19000 |
| Thallium, Total        | 7440-28-0  | mg/l |  |  | -- | 0.1   |
| Vanadium, Total        | 7440-62-2  | mg/l |  |  | -- | 6.8   |
| Zinc, Total            | 7440-66-6  | mg/l |  |  | -- | 45    |
| <b>General</b>         |            |      |  |  |    |       |
| Alkalinity             | STL00171   | mg/L |  |  | -- | 96    |
| Chloride               | 16887-00-6 | mg/L |  |  | -- |       |
| Fluoride               | 16984-48-8 | mg/L |  |  | -- |       |
| Nitrate as N           | 14797-55-8 | mg/L |  |  | -- |       |
| pH                     | STL00204   | SU   |  |  | -- | 8.08  |
| Sulfate                | 14808-79-8 | mg/L |  |  | -- |       |
| Total Dissolved Solids | STL00242   | mg/L |  |  | -- | 200   |
| Total Hardness         | STL00009   | mg/L |  |  | -- | 190   |
| Total Suspended Solids | STL00161   | mg/L |  |  | -- | 200   |

**Bold - Bolded results identify a detected value.**

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MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

Highlighted cells denote results that exceed the lowest benchmark value



Table 1  
 Surfacewater Analytical Data - Region 6  
 Upper Animas River

| Analyte                 | CAS.NO    | Units |        |     | Location  | LVW-030           |
|-------------------------|-----------|-------|--------|-----|-----------|-------------------|
|                         |           |       |        |     | Sample ID | LVW-030-150809-11 |
|                         |           |       |        |     | Date      | 8/9/2015          |
|                         |           |       |        |     |           |                   |
| Recreationa Agriculture |           |       |        |     |           |                   |
| Metals, Dissolved       |           |       |        |     |           |                   |
| Aluminum, Dissolved     | 7429-90-5 | mg/l  | 170000 |     | --        | 440               |
| Antimony, Dissolved     | 7440-36-0 | mg/l  |        |     | --        | 0.4               |
| Arsenic, Dissolved      | 7440-38-2 | mg/l  | 50     | 100 | --        | 0.49              |
| Barium, Dissolved       | 7440-39-3 | mg/l  | 33000  |     | --        | 82                |
| Beryllium, Dissolved    | 7440-41-7 | mg/l  | 330    | 100 | --        | 0.15              |
| Cadmium, Dissolved      | 7440-43-9 | mg/l  | 83     | 10  | --        | 0.043             |
| Calcium, Dissolved      | 7440-70-2 | mg/l  |        |     | --        | 53000             |
| Chromium, Dissolved     | 7440-47-3 | mg/l  | 210000 | 100 | --        | 1                 |
| Cobalt, Dissolved       | 7440-48-4 | mg/l  | 50     |     | --        | 0.37              |
| Copper, Dissolved       | 7440-50-8 | mg/l  | 6700   | 100 | --        | 2.4               |
| Iron, Dissolved         | 7439-89-6 | mg/l  | 120000 |     | --        | 290               |
| Lead, Dissolved         | 7439-92-1 | mg/l  | 200    | 100 | --        | 1.1               |
| Magnesium, Dissolved    | 7439-95-4 | mg/l  |        |     | --        | 6900              |
| Manganese, Dissolved    | 7439-96-5 | mg/l  | 7800   | 200 | --        | 23                |
| Mercury, Dissolved      | 7439-97-6 | mg/l  |        |     | --        | 0.08 U            |
| Molybdenum, Dissolved   | 7439-98-7 | mg/l  |        |     | --        | 1.3               |
| Nickel, Dissolved       | 7440-02-0 | mg/l  | 330    | 200 | --        | 1.6               |
| Potassium, Dissolved    | 7440-09-7 | mg/l  |        |     | --        | 2500              |
| Selenium, Dissolved     | 7782-49-2 | mg/l  |        | 20  | --        | 2                 |
| Silver, Dissolved       | 7440-22-4 | mg/l  |        |     | --        | 0.1               |
| Sodium, Dissolved       | 7440-23-5 | mg/l  |        |     | --        | 20000             |
| Thallium, Dissolved     | 7440-28-0 | mg/l  | 1.7    |     | --        | 0.1               |
| Vanadium, Dissolved     | 7440-62-2 | mg/l  | 830    |     | --        | 1.4               |
| Zinc, Dissolved         | 7440-66-6 | mg/l  | 50000  |     | --        | 48                |
| Metals, Total           |           |       |        |     |           |                   |
| Aluminum, Total         | 7429-90-5 | mg/l  |        |     | --        | 4300              |
| Antimony, Total         | 7440-36-0 | mg/l  |        |     | --        | 0.4               |
| Arsenic, Total          | 7440-38-2 | mg/l  |        |     | --        | 2.6               |
| Barium, Total           | 7440-39-3 | mg/l  |        |     | --        | 200               |
| Beryllium, Total        | 7440-41-7 | mg/l  |        |     | --        | 0.94              |
| Cadmium, Total          | 7440-43-9 | mg/l  |        |     | --        | 0.19              |
| Calcium, Total          | 7440-70-2 | mg/l  |        |     | --        | 67000             |
| Chromium, Total         | 7440-47-3 | mg/l  |        |     | --        | 2.2               |
| Cobalt, Total           | 7440-48-4 | mg/l  |        |     | --        | 4.5               |
| Copper, Total           | 7440-50-8 | mg/l  |        |     | --        | 15                |
| Iron, Total             | 7439-89-6 | mg/l  |        |     | --        | 3100              |
| Lead, Total             | 7439-92-1 | mg/l  |        |     | --        | 13                |
| Magnesium, Total        | 7439-95-4 | mg/l  |        |     | --        | 8300              |
| Manganese, Total        | 7439-96-5 | mg/l  |        |     | --        | 470               |
| Mercury, Total          | 7439-97-6 | mg/l  |        |     | --        | 0.08 U            |
| Molybdenum, Total       | 7439-98-7 | mg/l  |        |     | --        | 0.58              |
| Nickel, Total           | 7440-02-0 | mg/l  |        |     | --        | 4.4               |

Table 1  
 Surfacewater Analytical Data - Region 6  
 Upper Animas River

|                        |            |      |  |  |    |       |
|------------------------|------------|------|--|--|----|-------|
| Potassium, Total       | 7440-09-7  | mg/l |  |  | -- | 3400  |
| Selenium, Total        | 7782-49-2  | mg/l |  |  | -- | 2     |
| Silver, Total          | 7440-22-4  | mg/l |  |  | -- | 0.1   |
| Sodium, Total          | 7440-23-5  | mg/l |  |  | -- | 20000 |
| Thallium, Total        | 7440-28-0  | mg/l |  |  | -- | 0.1   |
| Vanadium, Total        | 7440-62-2  | mg/l |  |  | -- | 9.6   |
| Zinc, Total            | 7440-66-6  | mg/l |  |  | -- | 49    |
| <b>General</b>         |            |      |  |  |    |       |
| Alkalinity             | STL00171   | mg/L |  |  | -- | 90    |
| Chloride               | 16887-00-6 | mg/L |  |  | -- |       |
| Fluoride               | 16984-48-8 | mg/L |  |  | -- |       |
| Nitrate as N           | 14797-55-8 | mg/L |  |  | -- |       |
| pH                     | STL00204   | SU   |  |  | -- | 8.08  |
| Sulfate                | 14808-79-8 | mg/L |  |  | -- |       |
| Total Dissolved Solids | STL00242   | mg/L |  |  | -- | 130   |
| Total Hardness         | STL00009   | mg/L |  |  | -- | 200   |
| Total Suspended Solids | STL00161   | mg/L |  |  | -- | 130   |

**Bold - Bolded results identify a detected value.**

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

Highlighted cells denote results that exceed the lowest benchmark value

Table 1  
 Surfacewater Analytical Data - Region 6  
 Upper Animas River

| Analyte                 | CAS.NO    | Units |        |     | Location  | MW-020           |
|-------------------------|-----------|-------|--------|-----|-----------|------------------|
|                         |           |       |        |     | Sample ID | MW-020-150809-11 |
|                         |           |       |        |     | Date      | 8/9/2015         |
|                         |           |       |        |     |           |                  |
| Recreationa Agriculture |           |       |        |     |           |                  |
| Metals, Dissolved       |           |       |        |     |           |                  |
| Aluminum, Dissolved     | 7429-90-5 | mg/l  | 170000 |     | --        | 31               |
| Antimony, Dissolved     | 7440-36-0 | mg/l  |        |     | --        | 0.4              |
| Arsenic, Dissolved      | 7440-38-2 | mg/l  | 50     | 100 | --        | 0.37             |
| Barium, Dissolved       | 7440-39-3 | mg/l  | 33000  |     | --        | 63               |
| Beryllium, Dissolved    | 7440-41-7 | mg/l  | 330    | 100 | --        | 0.15             |
| Cadmium, Dissolved      | 7440-43-9 | mg/l  | 83     | 10  | --        | 0.043            |
| Calcium, Dissolved      | 7440-70-2 | mg/l  |        |     | --        | 68000            |
| Chromium, Dissolved     | 7440-47-3 | mg/l  | 210000 | 100 | --        | 1                |
| Cobalt, Dissolved       | 7440-48-4 | mg/l  | 50     |     | --        | 0.12             |
| Copper, Dissolved       | 7440-50-8 | mg/l  | 6700   | 100 | --        | 2.1              |
| Iron, Dissolved         | 7439-89-6 | mg/l  | 120000 |     | --        | 17               |
| Lead, Dissolved         | 7439-92-1 | mg/l  | 200    | 100 | --        | 0.13             |
| Magnesium, Dissolved    | 7439-95-4 | mg/l  |        |     | --        | 9000             |
| Manganese, Dissolved    | 7439-96-5 | mg/l  | 7800   | 200 | --        | 11               |
| Mercury, Dissolved      | 7439-97-6 | mg/l  |        |     | --        | 0.08 U           |
| Molybdenum, Dissolved   | 7439-98-7 | mg/l  |        |     | --        | 2.1              |
| Nickel, Dissolved       | 7440-02-0 | mg/l  | 330    | 200 | --        | 1.1              |
| Potassium, Dissolved    | 7440-09-7 | mg/l  |        |     | --        | 2300             |
| Selenium, Dissolved     | 7782-49-2 | mg/l  |        | 20  | --        | 2                |
| Silver, Dissolved       | 7440-22-4 | mg/l  |        |     | --        | 0.1              |
| Sodium, Dissolved       | 7440-23-5 | mg/l  |        |     | --        | 16000            |
| Thallium, Dissolved     | 7440-28-0 | mg/l  | 1.7    |     | --        | 0.1              |
| Vanadium, Dissolved     | 7440-62-2 | mg/l  | 830    |     | --        | 0.3              |
| Zinc, Dissolved         | 7440-66-6 | mg/l  | 50000  |     | --        | 25               |
| Metals, Total           |           |       |        |     |           |                  |
| Aluminum, Total         | 7429-90-5 | mg/l  |        |     | --        | 500              |
| Antimony, Total         | 7440-36-0 | mg/l  |        |     | --        | 0.4              |
| Arsenic, Total          | 7440-38-2 | mg/l  |        |     | --        | 1.6              |
| Barium, Total           | 7440-39-3 | mg/l  |        |     | --        | 76               |
| Beryllium, Total        | 7440-41-7 | mg/l  |        |     | --        | 0.15             |
| Cadmium, Total          | 7440-43-9 | mg/l  |        |     | --        | 0.12             |
| Calcium, Total          | 7440-70-2 | mg/l  |        |     | --        | 68000            |
| Chromium, Total         | 7440-47-3 | mg/l  |        |     | --        | 1                |
| Cobalt, Total           | 7440-48-4 | mg/l  |        |     | --        | 0.47             |
| Copper, Total           | 7440-50-8 | mg/l  |        |     | --        | 9.5              |
| Iron, Total             | 7439-89-6 | mg/l  |        |     | --        | 1800             |
| Lead, Total             | 7439-92-1 | mg/l  |        |     | --        | 15               |
| Magnesium, Total        | 7439-95-4 | mg/l  |        |     | --        | 8900             |
| Manganese, Total        | 7439-96-5 | mg/l  |        |     | --        | 130              |
| Mercury, Total          | 7439-97-6 | mg/l  |        |     | --        | 0.08 U           |
| Molybdenum, Total       | 7439-98-7 | mg/l  |        |     | --        | 0.98             |
| Nickel, Total           | 7440-02-0 | mg/l  |        |     | --        | 1.3              |

Table 1  
 Surfacewater Analytical Data - Region 6  
 Upper Animas River

|                        |            |      |  |  |    |       |
|------------------------|------------|------|--|--|----|-------|
| Potassium, Total       | 7440-09-7  | mg/l |  |  | -- | 2300  |
| Selenium, Total        | 7782-49-2  | mg/l |  |  | -- | 2     |
| Silver, Total          | 7440-22-4  | mg/l |  |  | -- | 0.1   |
| Sodium, Total          | 7440-23-5  | mg/l |  |  | -- | 15000 |
| Thallium, Total        | 7440-28-0  | mg/l |  |  | -- | 0.1   |
| Vanadium, Total        | 7440-62-2  | mg/l |  |  | -- | 1.6   |
| Zinc, Total            | 7440-66-6  | mg/l |  |  | -- | 63    |
| <b>General</b>         |            |      |  |  |    |       |
| Alkalinity             | STL00171   | mg/L |  |  | -- | 95    |
| Chloride               | 16887-00-6 | mg/L |  |  | -- |       |
| Fluoride               | 16984-48-8 | mg/L |  |  | -- |       |
| Nitrate as N           | 14797-55-8 | mg/L |  |  | -- |       |
| pH                     | STL00204   | SU   |  |  | -- | 8.31  |
| Sulfate                | 14808-79-8 | mg/L |  |  | -- |       |
| Total Dissolved Solids | STL00242   | mg/L |  |  | -- | 260   |
| Total Hardness         | STL00009   | mg/L |  |  | -- | 210   |
| Total Suspended Solids | STL00161   | mg/L |  |  | -- | 260   |

**Bold - Bolded results identify a detected value.**

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

Highlighted cells denote results that exceed the lowest benchmark value

Table 1  
 Surfacewater Analytical Data - Region 6  
 Upper Animas River

| Analyte                 | CAS.NO    | Units |        |     | Location  | NSW-020           |
|-------------------------|-----------|-------|--------|-----|-----------|-------------------|
|                         |           |       |        |     | Sample ID | NSW-020-150809-11 |
|                         |           |       |        |     | Date      | 8/9/2015          |
|                         |           |       |        |     |           |                   |
| Recreationa Agriculture |           |       |        |     |           |                   |
| Metals, Dissolved       |           |       |        |     |           |                   |
| Aluminum, Dissolved     | 7429-90-5 | mg/l  | 170000 |     | --        | 28                |
| Antimony, Dissolved     | 7440-36-0 | mg/l  |        |     | --        | 0.4               |
| Arsenic, Dissolved      | 7440-38-2 | mg/l  | 50     | 100 | --        | 0.37              |
| Barium, Dissolved       | 7440-39-3 | mg/l  | 33000  |     | --        | 60                |
| Beryllium, Dissolved    | 7440-41-7 | mg/l  | 330    | 100 | --        | 0.15              |
| Cadmium, Dissolved      | 7440-43-9 | mg/l  | 83     | 10  | --        | 0.043             |
| Calcium, Dissolved      | 7440-70-2 | mg/l  |        |     | --        | 63000             |
| Chromium, Dissolved     | 7440-47-3 | mg/l  | 210000 | 100 | --        | 1                 |
| Cobalt, Dissolved       | 7440-48-4 | mg/l  | 50     |     | --        | 0.12              |
| Copper, Dissolved       | 7440-50-8 | mg/l  | 6700   | 100 | --        | 2.3               |
| Iron, Dissolved         | 7439-89-6 | mg/l  | 120000 |     | --        | 17                |
| Lead, Dissolved         | 7439-92-1 | mg/l  | 200    | 100 | --        | 0.38              |
| Magnesium, Dissolved    | 7439-95-4 | mg/l  |        |     | --        | 8500              |
| Manganese, Dissolved    | 7439-96-5 | mg/l  | 7800   | 200 | --        | 10                |
| Mercury, Dissolved      | 7439-97-6 | mg/l  |        |     | --        | 0.08 U            |
| Molybdenum, Dissolved   | 7439-98-7 | mg/l  |        |     | --        | 0.96              |
| Nickel, Dissolved       | 7440-02-0 | mg/l  | 330    | 200 | --        | 1.1               |
| Potassium, Dissolved    | 7440-09-7 | mg/l  |        |     | --        | 2200              |
| Selenium, Dissolved     | 7782-49-2 | mg/l  |        | 20  | --        | 2                 |
| Silver, Dissolved       | 7440-22-4 | mg/l  |        |     | --        | 0.1               |
| Sodium, Dissolved       | 7440-23-5 | mg/l  |        |     | --        | 12000             |
| Thallium, Dissolved     | 7440-28-0 | mg/l  | 1.7    |     | --        | 0.1               |
| Vanadium, Dissolved     | 7440-62-2 | mg/l  | 830    |     | --        | 0.3               |
| Zinc, Dissolved         | 7440-66-6 | mg/l  | 50000  |     | --        | 12                |
| Metals, Total           |           |       |        |     |           |                   |
| Aluminum, Total         | 7429-90-5 | mg/l  |        |     | --        | 860               |
| Antimony, Total         | 7440-36-0 | mg/l  |        |     | --        | 0.41              |
| Arsenic, Total          | 7440-38-2 | mg/l  |        |     | --        | 2                 |
| Barium, Total           | 7440-39-3 | mg/l  |        |     | --        | 73                |
| Beryllium, Total        | 7440-41-7 | mg/l  |        |     | --        | 0.15              |
| Cadmium, Total          | 7440-43-9 | mg/l  |        |     | --        | 0.13              |
| Calcium, Total          | 7440-70-2 | mg/l  |        |     | --        | 63000             |
| Chromium, Total         | 7440-47-3 | mg/l  |        |     | --        | 1                 |
| Cobalt, Total           | 7440-48-4 | mg/l  |        |     | --        | 0.6               |
| Copper, Total           | 7440-50-8 | mg/l  |        |     | --        | 11                |
| Iron, Total             | 7439-89-6 | mg/l  |        |     | --        | 2700              |
| Lead, Total             | 7439-92-1 | mg/l  |        |     | --        | 37                |
| Magnesium, Total        | 7439-95-4 | mg/l  |        |     | --        | 8400              |
| Manganese, Total        | 7439-96-5 | mg/l  |        |     | --        | 110               |
| Mercury, Total          | 7439-97-6 | mg/l  |        |     | --        | 0.08 U            |
| Molybdenum, Total       | 7439-98-7 | mg/l  |        |     | --        | 1.3               |
| Nickel, Total           | 7440-02-0 | mg/l  |        |     | --        | 1.1               |

Table 1  
 Surfacewater Analytical Data - Region 6  
 Upper Animas River

|                        |            |      |  |  |    |       |
|------------------------|------------|------|--|--|----|-------|
| Potassium, Total       | 7440-09-7  | mg/l |  |  | -- | 2300  |
| Selenium, Total        | 7782-49-2  | mg/l |  |  | -- | 2     |
| Silver, Total          | 7440-22-4  | mg/l |  |  | -- | 0.27  |
| Sodium, Total          | 7440-23-5  | mg/l |  |  | -- | 12000 |
| Thallium, Total        | 7440-28-0  | mg/l |  |  | -- | 0.1   |
| Vanadium, Total        | 7440-62-2  | mg/l |  |  | -- | 2.2   |
| Zinc, Total            | 7440-66-6  | mg/l |  |  | -- | 63    |
| <b>General</b>         |            |      |  |  |    |       |
| Alkalinity             | STL00171   | mg/L |  |  | -- | 91    |
| Chloride               | 16887-00-6 | mg/L |  |  | -- |       |
| Fluoride               | 16984-48-8 | mg/L |  |  | -- |       |
| Nitrate as N           | 14797-55-8 | mg/L |  |  | -- |       |
| pH                     | STL00204   | SU   |  |  | -- | 8.14  |
| Sulfate                | 14808-79-8 | mg/L |  |  | -- |       |
| Total Dissolved Solids | STL00242   | mg/L |  |  | -- | 260   |
| Total Hardness         | STL00009   | mg/L |  |  | -- | 190   |
| Total Suspended Solids | STL00161   | mg/L |  |  | -- | 260   |

**Bold - Bolded results identify a detected value.**

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MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

Highlighted cells denote results that exceed the lowest benchmark value

Table 1  
 Surfacewater Analytical Data - Region 6  
 Upper Animas River

| Analyte                 | CAS.NO    | Units |        |     | Location  | ADW-010           |
|-------------------------|-----------|-------|--------|-----|-----------|-------------------|
|                         |           |       |        |     | Sample ID | ADW-010-150810-11 |
|                         |           |       |        |     | Date      | 8/10/2015         |
|                         |           |       |        |     |           |                   |
| Recreationa Agriculture |           |       |        |     |           |                   |
| Metals, Dissolved       |           |       |        |     |           |                   |
| Aluminum, Dissolved     | 7429-90-5 | mg/l  | 170000 |     | --        | 49                |
| Antimony, Dissolved     | 7440-36-0 | mg/l  |        |     | --        | 0.4               |
| Arsenic, Dissolved      | 7440-38-2 | mg/l  | 50     | 100 | --        | 0.37              |
| Barium, Dissolved       | 7440-39-3 | mg/l  | 33000  |     | --        | 57                |
| Beryllium, Dissolved    | 7440-41-7 | mg/l  | 330    | 100 | --        | 0.15              |
| Cadmium, Dissolved      | 7440-43-9 | mg/l  | 83     | 10  | --        | 0.043             |
| Calcium, Dissolved      | 7440-70-2 | mg/l  |        |     | --        | 59000             |
| Chromium, Dissolved     | 7440-47-3 | mg/l  | 210000 | 100 | --        | 1                 |
| Cobalt, Dissolved       | 7440-48-4 | mg/l  | 50     |     | --        | 0.12              |
| Copper, Dissolved       | 7440-50-8 | mg/l  | 6700   | 100 | --        | 2.3               |
| Iron, Dissolved         | 7439-89-6 | mg/l  | 120000 |     | --        | 17                |
| Lead, Dissolved         | 7439-92-1 | mg/l  | 200    | 100 | --        | 0.15              |
| Magnesium, Dissolved    | 7439-95-4 | mg/l  |        |     | --        | 8300              |
| Manganese, Dissolved    | 7439-96-5 | mg/l  | 7800   | 200 | --        | 16                |
| Mercury, Dissolved      | 7439-97-6 | mg/l  |        |     | --        | 0.08 U            |
| Molybdenum, Dissolved   | 7439-98-7 | mg/l  |        |     | --        | 1.2               |
| Nickel, Dissolved       | 7440-02-0 | mg/l  | 330    | 200 | --        | 0.97              |
| Potassium, Dissolved    | 7440-09-7 | mg/l  |        |     | --        | 2100              |
| Selenium, Dissolved     | 7782-49-2 | mg/l  |        | 20  | --        | 0.58              |
| Silver, Dissolved       | 7440-22-4 | mg/l  |        |     | --        | 0.1               |
| Sodium, Dissolved       | 7440-23-5 | mg/l  |        |     | --        | 14000             |
| Thallium, Dissolved     | 7440-28-0 | mg/l  | 1.7    |     | --        | 0.1               |
| Vanadium, Dissolved     | 7440-62-2 | mg/l  | 830    |     | --        | 0.3               |
| Zinc, Dissolved         | 7440-66-6 | mg/l  | 50000  |     | --        | 3.2               |
| Metals, Total           |           |       |        |     |           |                   |
| Aluminum, Total         | 7429-90-5 | mg/l  |        |     | --        | 400               |
| Antimony, Total         | 7440-36-0 | mg/l  |        |     | --        | 0.4               |
| Arsenic, Total          | 7440-38-2 | mg/l  |        |     | --        | 0.69              |
| Barium, Total           | 7440-39-3 | mg/l  |        |     | --        | 64                |
| Beryllium, Total        | 7440-41-7 | mg/l  |        |     | --        | 0.15              |
| Cadmium, Total          | 7440-43-9 | mg/l  |        |     | --        | 0.043             |
| Calcium, Total          | 7440-70-2 | mg/l  |        |     | --        | 60000             |
| Chromium, Total         | 7440-47-3 | mg/l  |        |     | --        | 1                 |
| Cobalt, Total           | 7440-48-4 | mg/l  |        |     | --        | 0.28              |
| Copper, Total           | 7440-50-8 | mg/l  |        |     | --        | 5.3               |
| Iron, Total             | 7439-89-6 | mg/l  |        |     | --        | 720               |
| Lead, Total             | 7439-92-1 | mg/l  |        |     | --        | 9.3               |
| Magnesium, Total        | 7439-95-4 | mg/l  |        |     | --        | 8500              |
| Manganese, Total        | 7439-96-5 | mg/l  |        |     | --        | 70                |
| Mercury, Total          | 7439-97-6 | mg/l  |        |     | --        | 0.08 U            |
| Molybdenum, Total       | 7439-98-7 | mg/l  |        |     | --        | 1.2               |
| Nickel, Total           | 7440-02-0 | mg/l  |        |     | --        | 1.2               |

Table 1  
 Surfacewater Analytical Data - Region 6  
 Upper Animas River

|                        |            |      |  |  |    |       |
|------------------------|------------|------|--|--|----|-------|
| Potassium, Total       | 7440-09-7  | mg/l |  |  | -- | 2100  |
| Selenium, Total        | 7782-49-2  | mg/l |  |  | -- | 0.58  |
| Silver, Total          | 7440-22-4  | mg/l |  |  | -- | 0.1   |
| Sodium, Total          | 7440-23-5  | mg/l |  |  | -- | 14000 |
| Thallium, Total        | 7440-28-0  | mg/l |  |  | -- | 0.1   |
| Vanadium, Total        | 7440-62-2  | mg/l |  |  | -- | 0.91  |
| Zinc, Total            | 7440-66-6  | mg/l |  |  | -- | 30    |
| <b>General</b>         |            |      |  |  |    |       |
| Alkalinity             | STL00171   | mg/L |  |  | -- | 83    |
| Chloride               | 16887-00-6 | mg/L |  |  | -- |       |
| Fluoride               | 16984-48-8 | mg/L |  |  | -- |       |
| Nitrate as N           | 14797-55-8 | mg/L |  |  | -- |       |
| pH                     | STL00204   | SU   |  |  | -- | 8.15  |
| Sulfate                | 14808-79-8 | mg/L |  |  | -- |       |
| Total Dissolved Solids | STL00242   | mg/L |  |  | -- | 260   |
| Total Hardness         | STL00009   | mg/L |  |  | -- | 180   |
| Total Suspended Solids | STL00161   | mg/L |  |  | -- | 260   |

**Bold - Bolded results identify a detected value.**

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

Highlighted cells denote results that exceed the lowest benchmark value



Table 1  
 Surfacewater Analytical Data - Region 6  
 Upper Animas River

| Analyte                 | CAS.NO    | Units |        |     | Location  | ADW-021           |
|-------------------------|-----------|-------|--------|-----|-----------|-------------------|
|                         |           |       |        |     | Sample ID | ADW-021-150810-11 |
|                         |           |       |        |     | Date      | 8/10/2015         |
|                         |           |       |        |     |           |                   |
| Recreationa Agriculture |           |       |        |     |           |                   |
| Metals, Dissolved       |           |       |        |     |           |                   |
| Aluminum, Dissolved     | 7429-90-5 | mg/l  | 170000 |     | --        | 45                |
| Antimony, Dissolved     | 7440-36-0 | mg/l  |        |     | --        | 0.4               |
| Arsenic, Dissolved      | 7440-38-2 | mg/l  | 50     | 100 | --        | 0.37              |
| Barium, Dissolved       | 7440-39-3 | mg/l  | 33000  |     | --        | 57                |
| Beryllium, Dissolved    | 7440-41-7 | mg/l  | 330    | 100 | --        | 0.15              |
| Cadmium, Dissolved      | 7440-43-9 | mg/l  | 83     | 10  | --        | 0.043             |
| Calcium, Dissolved      | 7440-70-2 | mg/l  |        |     | --        | 60000             |
| Chromium, Dissolved     | 7440-47-3 | mg/l  | 210000 | 100 | --        | 1                 |
| Cobalt, Dissolved       | 7440-48-4 | mg/l  | 50     |     | --        | 0.13              |
| Copper, Dissolved       | 7440-50-8 | mg/l  | 6700   | 100 | --        | 3.4               |
| Iron, Dissolved         | 7439-89-6 | mg/l  | 120000 |     | --        | 17                |
| Lead, Dissolved         | 7439-92-1 | mg/l  | 200    | 100 | --        | 0.12              |
| Magnesium, Dissolved    | 7439-95-4 | mg/l  |        |     | --        | 8500              |
| Manganese, Dissolved    | 7439-96-5 | mg/l  | 7800   | 200 | --        | 13                |
| Mercury, Dissolved      | 7439-97-6 | mg/l  |        |     | --        | 0.08 U            |
| Molybdenum, Dissolved   | 7439-98-7 | mg/l  |        |     | --        | 1.1               |
| Nickel, Dissolved       | 7440-02-0 | mg/l  | 330    | 200 | --        | 2.9               |
| Potassium, Dissolved    | 7440-09-7 | mg/l  |        |     | --        | 2100              |
| Selenium, Dissolved     | 7782-49-2 | mg/l  |        | 20  | --        | 0.58              |
| Silver, Dissolved       | 7440-22-4 | mg/l  |        |     | --        | 0.1               |
| Sodium, Dissolved       | 7440-23-5 | mg/l  |        |     | --        | 13000             |
| Thallium, Dissolved     | 7440-28-0 | mg/l  | 1.7    |     | --        | 0.1               |
| Vanadium, Dissolved     | 7440-62-2 | mg/l  | 830    |     | --        | 0.3               |
| Zinc, Dissolved         | 7440-66-6 | mg/l  | 50000  |     | --        | 3.3               |
| Metals, Total           |           |       |        |     |           |                   |
| Aluminum, Total         | 7429-90-5 | mg/l  |        |     | --        | 0.4               |
| Antimony, Total         | 7440-36-0 | mg/l  |        |     | --        | 0.81              |
| Arsenic, Total          | 7440-38-2 | mg/l  |        |     | --        | 65                |
| Barium, Total           | 7440-39-3 | mg/l  |        |     | --        | 0.15              |
| Beryllium, Total        | 7440-41-7 | mg/l  |        |     | --        | 0.078             |
| Cadmium, Total          | 7440-43-9 | mg/l  |        |     | --        | 61000             |
| Calcium, Total          | 7440-70-2 | mg/l  |        |     | --        | 1                 |
| Chromium, Total         | 7440-47-3 | mg/l  |        |     | --        | 0.26              |
| Cobalt, Total           | 7440-48-4 | mg/l  |        |     | --        | 5.3               |
| Copper, Total           | 7440-50-8 | mg/l  |        |     | --        | 760               |
| Iron, Total             | 7439-89-6 | mg/l  |        |     | --        | 9.8               |
| Lead, Total             | 7439-92-1 | mg/l  |        |     | --        | 8700              |
| Magnesium, Total        | 7439-95-4 | mg/l  |        |     | --        | 63                |
| Manganese, Total        | 7439-96-5 | mg/l  |        |     | --        | 1.1               |
| Mercury, Total          | 7439-97-6 | mg/l  |        |     | --        | 0.08 U            |
| Molybdenum, Total       | 7439-98-7 | mg/l  |        |     | --        | 1                 |
| Nickel, Total           | 7440-02-0 | mg/l  |        |     | --        | 2100              |

Table 1  
 Surfacewater Analytical Data - Region 6  
 Upper Animas River

|                        |            |      |  |  |    |       |
|------------------------|------------|------|--|--|----|-------|
| Potassium, Total       | 7440-09-7  | mg/l |  |  | -- | 0.58  |
| Selenium, Total        | 7782-49-2  | mg/l |  |  | -- | 0.1   |
| Silver, Total          | 7440-22-4  | mg/l |  |  | -- | 13000 |
| Sodium, Total          | 7440-23-5  | mg/l |  |  | -- | 0.1   |
| Thallium, Total        | 7440-28-0  | mg/l |  |  | -- | 0.9   |
| Vanadium, Total        | 7440-62-2  | mg/l |  |  | -- | 29    |
| Zinc, Total            | 7440-66-6  | mg/l |  |  | -- |       |
| <b>General</b>         |            |      |  |  |    |       |
| Alkalinity             | STL00171   | mg/L |  |  | -- | 90    |
| Chloride               | 16887-00-6 | mg/L |  |  | -- |       |
| Fluoride               | 16984-48-8 | mg/L |  |  | -- |       |
| Nitrate as N           | 14797-55-8 | mg/L |  |  | -- |       |
| pH                     | STL00204   | SU   |  |  | -- | 8.15  |
| Sulfate                | 14808-79-8 | mg/L |  |  | -- |       |
| Total Dissolved Solids | STL00242   | mg/L |  |  | -- | 260   |
| Total Hardness         | STL00009   | mg/L |  |  | -- | 190   |
| Total Suspended Solids | STL00161   | mg/L |  |  | -- | 260   |

**Bold - Bolded results identify a detected value.**

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

Highlighted cells denote results that exceed the lowest benchmark value

Table 1  
 Surfacewater Analytical Data - Region 6  
 Upper Animas River

| Analyte                 | CAS.NO    | Units |        |     | Location  | ADW-021           |
|-------------------------|-----------|-------|--------|-----|-----------|-------------------|
|                         |           |       |        |     | Sample ID | ADW-021-150810-12 |
|                         |           |       |        |     | Date      | 8/10/2015         |
|                         |           |       |        |     |           |                   |
| Recreationa Agriculture |           |       |        |     |           |                   |
| Metals, Dissolved       |           |       |        |     |           |                   |
| Aluminum, Dissolved     | 7429-90-5 | mg/l  | 170000 |     | --        | 57                |
| Antimony, Dissolved     | 7440-36-0 | mg/l  |        |     | --        | 0.4               |
| Arsenic, Dissolved      | 7440-38-2 | mg/l  | 50     | 100 | --        | 0.37              |
| Barium, Dissolved       | 7440-39-3 | mg/l  | 33000  |     | --        | 60                |
| Beryllium, Dissolved    | 7440-41-7 | mg/l  | 330    | 100 | --        | 0.15              |
| Cadmium, Dissolved      | 7440-43-9 | mg/l  | 83     | 10  | --        | 0.043             |
| Calcium, Dissolved      | 7440-70-2 | mg/l  |        |     | --        | 60000             |
| Chromium, Dissolved     | 7440-47-3 | mg/l  | 210000 | 100 | --        | 1.3               |
| Cobalt, Dissolved       | 7440-48-4 | mg/l  | 50     |     | --        | 0.13              |
| Copper, Dissolved       | 7440-50-8 | mg/l  | 6700   | 100 | --        | 2.2               |
| Iron, Dissolved         | 7439-89-6 | mg/l  | 120000 |     | --        | 34                |
| Lead, Dissolved         | 7439-92-1 | mg/l  | 200    | 100 | --        | 0.46              |
| Magnesium, Dissolved    | 7439-95-4 | mg/l  |        |     | --        | 8500              |
| Manganese, Dissolved    | 7439-96-5 | mg/l  | 7800   | 200 | --        | 15                |
| Mercury, Dissolved      | 7439-97-6 | mg/l  |        |     | --        | 0.08 U            |
| Molybdenum, Dissolved   | 7439-98-7 | mg/l  |        |     | --        | 1.3               |
| Nickel, Dissolved       | 7440-02-0 | mg/l  | 330    | 200 | --        | 1.2               |
| Potassium, Dissolved    | 7440-09-7 | mg/l  |        |     | --        | 2000              |
| Selenium, Dissolved     | 7782-49-2 | mg/l  |        | 20  | --        | 0.58              |
| Silver, Dissolved       | 7440-22-4 | mg/l  |        |     | --        | 0.1               |
| Sodium, Dissolved       | 7440-23-5 | mg/l  |        |     | --        | 13000             |
| Thallium, Dissolved     | 7440-28-0 | mg/l  | 1.7    |     | --        | 0.1               |
| Vanadium, Dissolved     | 7440-62-2 | mg/l  | 830    |     | --        | 0.3               |
| Zinc, Dissolved         | 7440-66-6 | mg/l  | 50000  |     | --        |                   |
| Metals, Total           |           |       |        |     |           |                   |
| Aluminum, Total         | 7429-90-5 | mg/l  |        |     | --        | 300               |
| Antimony, Total         | 7440-36-0 | mg/l  |        |     | --        | 0.4               |
| Arsenic, Total          | 7440-38-2 | mg/l  |        |     | --        | 0.37              |
| Barium, Total           | 7440-39-3 | mg/l  |        |     | --        | 62                |
| Beryllium, Total        | 7440-41-7 | mg/l  |        |     | --        | 0.15              |
| Cadmium, Total          | 7440-43-9 | mg/l  |        |     | --        | 0.1               |
| Calcium, Total          | 7440-70-2 | mg/l  |        |     | --        | 60000             |
| Chromium, Total         | 7440-47-3 | mg/l  |        |     | --        | 1                 |
| Cobalt, Total           | 7440-48-4 | mg/l  |        |     | --        | 0.23              |
| Copper, Total           | 7440-50-8 | mg/l  |        |     | --        | 4.8               |
| Iron, Total             | 7439-89-6 | mg/l  |        |     | --        | 610               |
| Lead, Total             | 7439-92-1 | mg/l  |        |     | --        | 8.3               |
| Magnesium, Total        | 7439-95-4 | mg/l  |        |     | --        | 8500              |
| Manganese, Total        | 7439-96-5 | mg/l  |        |     | --        | 52                |
| Mercury, Total          | 7439-97-6 | mg/l  |        |     | --        | 0.08 U            |
| Molybdenum, Total       | 7439-98-7 | mg/l  |        |     | --        | 1.1               |
| Nickel, Total           | 7440-02-0 | mg/l  |        |     | --        | 0.93              |

Table 1  
 Surfacewater Analytical Data - Region 6  
 Upper Animas River

|                        |            |      |  |  |    |       |
|------------------------|------------|------|--|--|----|-------|
| Potassium, Total       | 7440-09-7  | mg/l |  |  | -- | 2100  |
| Selenium, Total        | 7782-49-2  | mg/l |  |  | -- | 0.58  |
| Silver, Total          | 7440-22-4  | mg/l |  |  | -- | 0.1   |
| Sodium, Total          | 7440-23-5  | mg/l |  |  | -- | 13000 |
| Thallium, Total        | 7440-28-0  | mg/l |  |  | -- | 0.1   |
| Vanadium, Total        | 7440-62-2  | mg/l |  |  | -- | 0.76  |
| Zinc, Total            | 7440-66-6  | mg/l |  |  | -- | 26    |
| <b>General</b>         |            |      |  |  |    |       |
| Alkalinity             | STL00171   | mg/L |  |  | -- | 89    |
| Chloride               | 16887-00-6 | mg/L |  |  | -- |       |
| Fluoride               | 16984-48-8 | mg/L |  |  | -- |       |
| Nitrate as N           | 14797-55-8 | mg/L |  |  | -- |       |
| pH                     | STL00204   | SU   |  |  | -- | 8.11  |
| Sulfate                | 14808-79-8 | mg/L |  |  | -- |       |
| Total Dissolved Solids | STL00242   | mg/L |  |  | -- | 240   |
| Total Hardness         | STL00009   | mg/L |  |  | -- | 180   |
| Total Suspended Solids | STL00161   | mg/L |  |  | -- | 240   |

**Bold - Bolded results identify a detected value.**

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PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

Highlighted cells denote results that exceed the lowest benchmark value

Table 1  
 Surfacewater Analytical Data - Region 6  
 Upper Animas River

| Analyte                 | CAS.NO    | Units |        |     | Location  | ADW-022           |
|-------------------------|-----------|-------|--------|-----|-----------|-------------------|
|                         |           |       |        |     | Sample ID | ADW-022-150810-11 |
|                         |           |       |        |     | Date      | 8/10/2015         |
|                         |           |       |        |     |           |                   |
| Recreationa Agriculture |           |       |        |     |           |                   |
| Metals, Dissolved       |           |       |        |     |           |                   |
| Aluminum, Dissolved     | 7429-90-5 | mg/l  | 170000 |     | --        | 39                |
| Antimony, Dissolved     | 7440-36-0 | mg/l  |        |     | --        | 0.4               |
| Arsenic, Dissolved      | 7440-38-2 | mg/l  | 50     | 100 | --        | 0.37              |
| Barium, Dissolved       | 7440-39-3 | mg/l  | 33000  |     | --        | 62                |
| Beryllium, Dissolved    | 7440-41-7 | mg/l  | 330    | 100 | --        | 0.15              |
| Cadmium, Dissolved      | 7440-43-9 | mg/l  | 83     | 10  | --        | 0.043             |
| Calcium, Dissolved      | 7440-70-2 | mg/l  |        |     | --        | 63000             |
| Chromium, Dissolved     | 7440-47-3 | mg/l  | 210000 | 100 | --        | 1                 |
| Cobalt, Dissolved       | 7440-48-4 | mg/l  | 50     |     | --        | 0.12              |
| Copper, Dissolved       | 7440-50-8 | mg/l  | 6700   | 100 | --        | 3.3               |
| Iron, Dissolved         | 7439-89-6 | mg/l  | 120000 |     | --        | 17                |
| Lead, Dissolved         | 7439-92-1 | mg/l  | 200    | 100 | --        | 0.15              |
| Magnesium, Dissolved    | 7439-95-4 | mg/l  |        |     | --        | 8600              |
| Manganese, Dissolved    | 7439-96-5 | mg/l  | 7800   | 200 | --        | 14                |
| Mercury, Dissolved      | 7439-97-6 | mg/l  |        |     | --        | 0.08 U            |
| Molybdenum, Dissolved   | 7439-98-7 | mg/l  |        |     | --        | 1.1               |
| Nickel, Dissolved       | 7440-02-0 | mg/l  | 330    | 200 | --        | 1.4               |
| Potassium, Dissolved    | 7440-09-7 | mg/l  |        |     | --        | 2100              |
| Selenium, Dissolved     | 7782-49-2 | mg/l  |        | 20  | --        | 0.58              |
| Silver, Dissolved       | 7440-22-4 | mg/l  |        |     | --        | 0.1               |
| Sodium, Dissolved       | 7440-23-5 | mg/l  |        |     | --        | 13000             |
| Thallium, Dissolved     | 7440-28-0 | mg/l  | 1.7    |     | --        | 0.1               |
| Vanadium, Dissolved     | 7440-62-2 | mg/l  | 830    |     | --        | 0.3               |
| Zinc, Dissolved         | 7440-66-6 | mg/l  | 50000  |     | --        | 2.9               |
| Metals, Total           |           |       |        |     |           |                   |
| Aluminum, Total         | 7429-90-5 | mg/l  |        |     | --        | 310               |
| Antimony, Total         | 7440-36-0 | mg/l  |        |     | --        | 0.4               |
| Arsenic, Total          | 7440-38-2 | mg/l  |        |     | --        | 0.42              |
| Barium, Total           | 7440-39-3 | mg/l  |        |     | --        | 65                |
| Beryllium, Total        | 7440-41-7 | mg/l  |        |     | --        | 0.15              |
| Cadmium, Total          | 7440-43-9 | mg/l  |        |     | --        | 0.059             |
| Calcium, Total          | 7440-70-2 | mg/l  |        |     | --        | 62000             |
| Chromium, Total         | 7440-47-3 | mg/l  |        |     | --        | 1                 |
| Cobalt, Total           | 7440-48-4 | mg/l  |        |     | --        | 0.24              |
| Copper, Total           | 7440-50-8 | mg/l  |        |     | --        | 4.8               |
| Iron, Total             | 7439-89-6 | mg/l  |        |     | --        | 640               |
| Lead, Total             | 7439-92-1 | mg/l  |        |     | --        | 8.5               |
| Magnesium, Total        | 7439-95-4 | mg/l  |        |     | --        | 8500              |
| Manganese, Total        | 7439-96-5 | mg/l  |        |     | --        | 53                |
| Mercury, Total          | 7439-97-6 | mg/l  |        |     | --        | 0.031             |
| Molybdenum, Total       | 7439-98-7 | mg/l  |        |     | --        | 1                 |
| Nickel, Total           | 7440-02-0 | mg/l  |        |     | --        | 0.92              |

Table 1  
 Surfacewater Analytical Data - Region 6  
 Upper Animas River

|                        |            |      |  |  |    |       |
|------------------------|------------|------|--|--|----|-------|
| Potassium, Total       | 7440-09-7  | mg/l |  |  | -- | 2100  |
| Selenium, Total        | 7782-49-2  | mg/l |  |  | -- | 0.58  |
| Silver, Total          | 7440-22-4  | mg/l |  |  | -- | 0.1   |
| Sodium, Total          | 7440-23-5  | mg/l |  |  | -- | 12000 |
| Thallium, Total        | 7440-28-0  | mg/l |  |  | -- | 0.1   |
| Vanadium, Total        | 7440-62-2  | mg/l |  |  | -- | 0.65  |
| Zinc, Total            | 7440-66-6  | mg/l |  |  | -- | 27    |
| <b>General</b>         |            |      |  |  |    |       |
| Alkalinity             | STL00171   | mg/L |  |  | -- | 93    |
| Chloride               | 16887-00-6 | mg/L |  |  | -- |       |
| Fluoride               | 16984-48-8 | mg/L |  |  | -- |       |
| Nitrate as N           | 14797-55-8 | mg/L |  |  | -- |       |
| pH                     | STL00204   | SU   |  |  | -- | 8.28  |
| Sulfate                | 14808-79-8 | mg/L |  |  | -- |       |
| Total Dissolved Solids | STL00242   | mg/L |  |  | -- | 260   |
| Total Hardness         | STL00009   | mg/L |  |  | -- | 190   |
| Total Suspended Solids | STL00161   | mg/L |  |  | -- | 260   |

**Bold - Bolded results identify a detected value.**

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

Highlighted cells denote results that exceed the lowest benchmark value

Table 1  
 Surfacewater Analytical Data - Region 6  
 Upper Animas River

| Analyte                 | CAS.NO    | Units |        |     | Location  | FW-012           |
|-------------------------|-----------|-------|--------|-----|-----------|------------------|
|                         |           |       |        |     | Sample ID | FW-012-150810-11 |
|                         |           |       |        |     | Date      | 8/10/2015        |
|                         |           |       |        |     |           |                  |
| Recreationa Agriculture |           |       |        |     |           |                  |
| Metals, Dissolved I RSL |           |       |        |     |           |                  |
| Aluminum, Dissolved     | 7429-90-5 | mg/l  | 170000 |     | --        | 36               |
| Antimony, Dissolved     | 7440-36-0 | mg/l  |        |     | --        | 0.4              |
| Arsenic, Dissolved      | 7440-38-2 | mg/l  | 50     | 100 | --        | 0.37             |
| Barium, Dissolved       | 7440-39-3 | mg/l  | 33000  |     | --        | 58               |
| Beryllium, Dissolved    | 7440-41-7 | mg/l  | 330    | 100 | --        | 0.15             |
| Cadmium, Dissolved      | 7440-43-9 | mg/l  | 83     | 10  | --        | 0.043            |
| Calcium, Dissolved      | 7440-70-2 | mg/l  |        |     | --        | 63000            |
| Chromium, Dissolved     | 7440-47-3 | mg/l  | 210000 | 100 | --        | 1                |
| Cobalt, Dissolved       | 7440-48-4 | mg/l  | 50     |     | --        | 0.12             |
| Copper, Dissolved       | 7440-50-8 | mg/l  | 6700   | 100 | --        | 2.4              |
| Iron, Dissolved         | 7439-89-6 | mg/l  | 120000 |     | --        | 17               |
| Lead, Dissolved         | 7439-92-1 | mg/l  | 200    | 100 | --        | 0.073            |
| Magnesium, Dissolved    | 7439-95-4 | mg/l  |        |     | --        | 8400             |
| Manganese, Dissolved    | 7439-96-5 | mg/l  | 7800   | 200 | --        | 12               |
| Mercury, Dissolved      | 7439-97-6 | mg/l  |        |     | --        | 0.08 U           |
| Molybdenum, Dissolved   | 7439-98-7 | mg/l  |        |     | --        | 1.2              |
| Nickel, Dissolved       | 7440-02-0 | mg/l  | 330    | 200 | --        | 0.8              |
| Potassium, Dissolved    | 7440-09-7 | mg/l  |        |     | --        | 2000             |
| Selenium, Dissolved     | 7782-49-2 | mg/l  |        | 20  | --        | 0.58             |
| Silver, Dissolved       | 7440-22-4 | mg/l  |        |     | --        | 0.1              |
| Sodium, Dissolved       | 7440-23-5 | mg/l  |        |     | --        | 15000            |
| Thallium, Dissolved     | 7440-28-0 | mg/l  | 1.7    |     | --        | 0.1              |
| Vanadium, Dissolved     | 7440-62-2 | mg/l  | 830    |     | --        | 0.3              |
| Zinc, Dissolved         | 7440-66-6 | mg/l  | 50000  |     | --        | 2.8              |
| Metals, Total           |           |       |        |     |           |                  |
| Aluminum, Total         | 7429-90-5 | mg/l  |        |     | --        | 420              |
| Antimony, Total         | 7440-36-0 | mg/l  |        |     | --        | 0.4              |
| Arsenic, Total          | 7440-38-2 | mg/l  |        |     | --        | 0.84             |
| Barium, Total           | 7440-39-3 | mg/l  |        |     | --        | 66               |
| Beryllium, Total        | 7440-41-7 | mg/l  |        |     | --        | 0.15             |
| Cadmium, Total          | 7440-43-9 | mg/l  |        |     | --        | 0.068            |
| Calcium, Total          | 7440-70-2 | mg/l  |        |     | --        | 64000            |
| Chromium, Total         | 7440-47-3 | mg/l  |        |     | --        | 1                |
| Cobalt, Total           | 7440-48-4 | mg/l  |        |     | --        | 0.31             |
| Copper, Total           | 7440-50-8 | mg/l  |        |     | --        | 5.4              |
| Iron, Total             | 7439-89-6 | mg/l  |        |     | --        | 790              |
| Lead, Total             | 7439-92-1 | mg/l  |        |     | --        | 9.7              |
| Magnesium, Total        | 7439-95-4 | mg/l  |        |     | --        | 8600             |
| Manganese, Total        | 7439-96-5 | mg/l  |        |     | --        | 75               |
| Mercury, Total          | 7439-97-6 | mg/l  |        |     | --        | 0.08 U           |
| Molybdenum, Total       | 7439-98-7 | mg/l  |        |     | --        | 1.1              |
| Nickel, Total           | 7440-02-0 | mg/l  |        |     | --        | 1.3              |

Table 1  
 Surfacewater Analytical Data - Region 6  
 Upper Animas River

|                        |            |      |  |  |    |       |
|------------------------|------------|------|--|--|----|-------|
| Potassium, Total       | 7440-09-7  | mg/l |  |  | -- | 2100  |
| Selenium, Total        | 7782-49-2  | mg/l |  |  | -- | 0.58  |
| Silver, Total          | 7440-22-4  | mg/l |  |  | -- | 0.1   |
| Sodium, Total          | 7440-23-5  | mg/l |  |  | -- | 15000 |
| Thallium, Total        | 7440-28-0  | mg/l |  |  | -- | 0.1   |
| Vanadium, Total        | 7440-62-2  | mg/l |  |  | -- | 1     |
| Zinc, Total            | 7440-66-6  | mg/l |  |  | -- | 30    |
| <b>General</b>         |            |      |  |  |    |       |
| Alkalinity             | STL00171   | mg/L |  |  | -- | 87    |
| Chloride               | 16887-00-6 | mg/L |  |  | -- |       |
| Fluoride               | 16984-48-8 | mg/L |  |  | -- |       |
| Nitrate as N           | 14797-55-8 | mg/L |  |  | -- |       |
| pH                     | STL00204   | SU   |  |  | -- | 8.16  |
| Sulfate                | 14808-79-8 | mg/L |  |  | -- |       |
| Total Dissolved Solids | STL00242   | mg/L |  |  | -- | 270   |
| Total Hardness         | STL00009   | mg/L |  |  | -- | 200   |
| Total Suspended Solids | STL00161   | mg/L |  |  | -- | 270   |

**Bold - Bolded results identify a detected value.**

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

Highlighted cells denote results that exceed the lowest benchmark value



Table 1  
 Surfacewater Analytical Data - Region 6  
 Upper Animas River

| Analyte                 | CAS.NO    | Units |        |     | Location  | FW-040           |
|-------------------------|-----------|-------|--------|-----|-----------|------------------|
|                         |           |       |        |     | Sample ID | FW-040-150810-11 |
|                         |           |       |        |     | Date      | 8/10/2015        |
|                         |           |       |        |     |           |                  |
| Recreationa Agriculture |           |       |        |     |           |                  |
| Metals, Dissolved I RSL |           |       |        |     |           |                  |
| Aluminum, Dissolved     | 7429-90-5 | mg/l  | 170000 |     | --        | 79               |
| Antimony, Dissolved     | 7440-36-0 | mg/l  |        |     | --        | 0.4              |
| Arsenic, Dissolved      | 7440-38-2 | mg/l  | 50     | 100 | --        | 0.37             |
| Barium, Dissolved       | 7440-39-3 | mg/l  | 33000  |     | --        | 60               |
| Beryllium, Dissolved    | 7440-41-7 | mg/l  | 330    | 100 | --        | 0.15             |
| Cadmium, Dissolved      | 7440-43-9 | mg/l  | 83     | 10  | --        | 0.043            |
| Calcium, Dissolved      | 7440-70-2 | mg/l  |        |     | --        | 64000            |
| Chromium, Dissolved     | 7440-47-3 | mg/l  | 210000 | 100 | --        | 1                |
| Cobalt, Dissolved       | 7440-48-4 | mg/l  | 50     |     | --        | 0.13             |
| Copper, Dissolved       | 7440-50-8 | mg/l  | 6700   | 100 | --        | 2.6              |
| Iron, Dissolved         | 7439-89-6 | mg/l  | 120000 |     | --        | 91               |
| Lead, Dissolved         | 7439-92-1 | mg/l  | 200    | 100 | --        | 1.5              |
| Magnesium, Dissolved    | 7439-95-4 | mg/l  |        |     | --        | 8400             |
| Manganese, Dissolved    | 7439-96-5 | mg/l  | 7800   | 200 | --        | 13               |
| Mercury, Dissolved      | 7439-97-6 | mg/l  |        |     | --        | 0.08 U           |
| Molybdenum, Dissolved   | 7439-98-7 | mg/l  |        |     | --        | 1.2              |
| Nickel, Dissolved       | 7440-02-0 | mg/l  | 330    | 200 | --        | 0.96             |
| Potassium, Dissolved    | 7440-09-7 | mg/l  |        |     | --        | 2000             |
| Selenium, Dissolved     | 7782-49-2 | mg/l  |        | 20  | --        | 0.58             |
| Silver, Dissolved       | 7440-22-4 | mg/l  |        |     | --        | 0.1              |
| Sodium, Dissolved       | 7440-23-5 | mg/l  |        |     | --        | 15000            |
| Thallium, Dissolved     | 7440-28-0 | mg/l  | 1.7    |     | --        | 0.1              |
| Vanadium, Dissolved     | 7440-62-2 | mg/l  | 830    |     | --        | 0.3              |
| Zinc, Dissolved         | 7440-66-6 | mg/l  | 50000  |     | --        | 4.8              |
| Metals, Total           |           |       |        |     |           |                  |
| Aluminum, Total         | 7429-90-5 | mg/l  |        |     | --        | 480              |
| Antimony, Total         | 7440-36-0 | mg/l  |        |     | --        | 0.4              |
| Arsenic, Total          | 7440-38-2 | mg/l  |        |     | --        | 0.37             |
| Barium, Total           | 7440-39-3 | mg/l  |        |     | --        | 70               |
| Beryllium, Total        | 7440-41-7 | mg/l  |        |     | --        | 0.15             |
| Cadmium, Total          | 7440-43-9 | mg/l  |        |     | --        | 0.066            |
| Calcium, Total          | 7440-70-2 | mg/l  |        |     | --        | 67000            |
| Chromium, Total         | 7440-47-3 | mg/l  |        |     | --        | 1                |
| Cobalt, Total           | 7440-48-4 | mg/l  |        |     | --        | 0.34             |
| Copper, Total           | 7440-50-8 | mg/l  |        |     | --        | 5.9              |
| Iron, Total             | 7439-89-6 | mg/l  |        |     | --        | 910              |
| Lead, Total             | 7439-92-1 | mg/l  |        |     | --        | 11               |
| Magnesium, Total        | 7439-95-4 | mg/l  |        |     | --        | 8800             |
| Manganese, Total        | 7439-96-5 | mg/l  |        |     | --        | 79               |
| Mercury, Total          | 7439-97-6 | mg/l  |        |     | --        | 0.08 U           |
| Molybdenum, Total       | 7439-98-7 | mg/l  |        |     | --        | 1.2              |
| Nickel, Total           | 7440-02-0 | mg/l  |        |     | --        | 1.1              |

Table 1  
 Surfacewater Analytical Data - Region 6  
 Upper Animas River

|                        |            |      |  |  |    |       |
|------------------------|------------|------|--|--|----|-------|
| Potassium, Total       | 7440-09-7  | mg/l |  |  | -- | 2200  |
| Selenium, Total        | 7782-49-2  | mg/l |  |  | -- | 0.58  |
| Silver, Total          | 7440-22-4  | mg/l |  |  | -- | 0.1   |
| Sodium, Total          | 7440-23-5  | mg/l |  |  | -- | 16000 |
| Thallium, Total        | 7440-28-0  | mg/l |  |  | -- | 0.1   |
| Vanadium, Total        | 7440-62-2  | mg/l |  |  | -- | 1     |
| Zinc, Total            | 7440-66-6  | mg/l |  |  | -- | 32    |
| <b>General</b>         |            |      |  |  |    |       |
| Alkalinity             | STL00171   | mg/L |  |  | -- | 90    |
| Chloride               | 16887-00-6 | mg/L |  |  | -- |       |
| Fluoride               | 16984-48-8 | mg/L |  |  | -- |       |
| Nitrate as N           | 14797-55-8 | mg/L |  |  | -- |       |
| pH                     | STL00204   | SU   |  |  | -- | 8.22  |
| Sulfate                | 14808-79-8 | mg/L |  |  | -- |       |
| Total Dissolved Solids | STL00242   | mg/L |  |  | -- | 290   |
| Total Hardness         | STL00009   | mg/L |  |  | -- | 200   |
| Total Suspended Solids | STL00161   | mg/L |  |  | -- | 290   |

**Bold - Bolded results identify a detected value.**

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

Highlighted cells denote results that exceed the lowest benchmark value

Table 1  
 Surfacewater Analytical Data - Region 6  
 Upper Animas River

| Analyte                 | CAS.NO    | Units |        |     | Location  | LVW-020           |
|-------------------------|-----------|-------|--------|-----|-----------|-------------------|
|                         |           |       |        |     | Sample ID | LVW-020-150810-11 |
|                         |           |       |        |     | Date      | 8/10/2015         |
|                         |           |       |        |     |           |                   |
| Recreationa Agriculture |           |       |        |     |           |                   |
| Metals, Dissolved       |           |       |        |     |           |                   |
| Aluminum, Dissolved     | 7429-90-5 | mg/l  | 170000 |     | --        | 24                |
| Antimony, Dissolved     | 7440-36-0 | mg/l  |        |     | --        | 0.4               |
| Arsenic, Dissolved      | 7440-38-2 | mg/l  | 50     | 100 | --        | 0.48              |
| Barium, Dissolved       | 7440-39-3 | mg/l  | 33000  |     | --        | 68                |
| Beryllium, Dissolved    | 7440-41-7 | mg/l  | 330    | 100 | --        | 0.15              |
| Cadmium, Dissolved      | 7440-43-9 | mg/l  | 83     | 10  | --        | 0.043             |
| Calcium, Dissolved      | 7440-70-2 | mg/l  |        |     | --        | 50000             |
| Chromium, Dissolved     | 7440-47-3 | mg/l  | 210000 | 100 | --        | 1                 |
| Cobalt, Dissolved       | 7440-48-4 | mg/l  | 50     |     | --        | 0.12              |
| Copper, Dissolved       | 7440-50-8 | mg/l  | 6700   | 100 | --        | 2.4               |
| Iron, Dissolved         | 7439-89-6 | mg/l  | 120000 |     | --        | 17                |
| Lead, Dissolved         | 7439-92-1 | mg/l  | 200    | 100 | --        | 0.11              |
| Magnesium, Dissolved    | 7439-95-4 | mg/l  |        |     | --        | 6700              |
| Manganese, Dissolved    | 7439-96-5 | mg/l  | 7800   | 200 | --        | 6.7               |
| Mercury, Dissolved      | 7439-97-6 | mg/l  |        |     | --        | 0.08 U            |
| Molybdenum, Dissolved   | 7439-98-7 | mg/l  |        |     | --        | 1.3               |
| Nickel, Dissolved       | 7440-02-0 | mg/l  | 330    | 200 | --        | 1.5               |
| Potassium, Dissolved    | 7440-09-7 | mg/l  |        |     | --        | 2200              |
| Selenium, Dissolved     | 7782-49-2 | mg/l  |        | 20  | --        | 0.58              |
| Silver, Dissolved       | 7440-22-4 | mg/l  |        |     | --        | 0.1               |
| Sodium, Dissolved       | 7440-23-5 | mg/l  |        |     | --        | 18000             |
| Thallium, Dissolved     | 7440-28-0 | mg/l  | 1.7    |     | --        | 0.1               |
| Vanadium, Dissolved     | 7440-62-2 | mg/l  | 830    |     | --        | 0.48              |
| Zinc, Dissolved         | 7440-66-6 | mg/l  | 50000  |     | --        | 2.8               |
| Metals, Total           |           |       |        |     |           |                   |
| Aluminum, Total         | 7429-90-5 | mg/l  |        |     | --        | 3500              |
| Antimony, Total         | 7440-36-0 | mg/l  |        |     | --        | 0.4               |
| Arsenic, Total          | 7440-38-2 | mg/l  |        |     | --        | 1.3               |
| Barium, Total           | 7440-39-3 | mg/l  |        |     | --        | 120               |
| Beryllium, Total        | 7440-41-7 | mg/l  |        |     | --        | 0.29              |
| Cadmium, Total          | 7440-43-9 | mg/l  |        |     | --        | 0.057             |
| Calcium, Total          | 7440-70-2 | mg/l  |        |     | --        | 55000             |
| Chromium, Total         | 7440-47-3 | mg/l  |        |     | --        | 2.1               |
| Cobalt, Total           | 7440-48-4 | mg/l  |        |     | --        | 1.6               |
| Copper, Total           | 7440-50-8 | mg/l  |        |     | --        | 6.2               |
| Iron, Total             | 7439-89-6 | mg/l  |        |     | --        | 2400              |
| Lead, Total             | 7439-92-1 | mg/l  |        |     | --        | 6.5               |
| Magnesium, Total        | 7439-95-4 | mg/l  |        |     | --        | 7600              |
| Manganese, Total        | 7439-96-5 | mg/l  |        |     | --        | 140               |
| Mercury, Total          | 7439-97-6 | mg/l  |        |     | --        | 0.08 U            |
| Molybdenum, Total       | 7439-98-7 | mg/l  |        |     | --        | 1.1               |
| Nickel, Total           | 7440-02-0 | mg/l  |        |     | --        | 2.3               |

Table 1  
 Surfacewater Analytical Data - Region 6  
 Upper Animas River

|                        |            |      |  |  |    |       |
|------------------------|------------|------|--|--|----|-------|
| Potassium, Total       | 7440-09-7  | mg/l |  |  | -- | 3000  |
| Selenium, Total        | 7782-49-2  | mg/l |  |  | -- | 0.58  |
| Silver, Total          | 7440-22-4  | mg/l |  |  | -- | 0.1   |
| Sodium, Total          | 7440-23-5  | mg/l |  |  | -- | 18000 |
| Thallium, Total        | 7440-28-0  | mg/l |  |  | -- | 0.1   |
| Vanadium, Total        | 7440-62-2  | mg/l |  |  | -- | 5.3   |
| Zinc, Total            | 7440-66-6  | mg/l |  |  | -- | 20    |
| <b>General</b>         |            |      |  |  |    |       |
| Alkalinity             | STL00171   | mg/L |  |  | -- | 89    |
| Chloride               | 16887-00-6 | mg/L |  |  | -- |       |
| Fluoride               | 16984-48-8 | mg/L |  |  | -- |       |
| Nitrate as N           | 14797-55-8 | mg/L |  |  | -- |       |
| pH                     | STL00204   | SU   |  |  | -- | 8.08  |
| Sulfate                | 14808-79-8 | mg/L |  |  | -- |       |
| Total Dissolved Solids | STL00242   | mg/L |  |  | -- | 240   |
| Total Hardness         | STL00009   | mg/L |  |  | -- | 150   |
| Total Suspended Solids | STL00161   | mg/L |  |  | -- | 240   |

**Bold - Bolded results identify a detected value.**

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MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

Highlighted cells denote results that exceed the lowest benchmark value

Table 1  
 Surfacewater Analytical Data - Region 6  
 Upper Animas River

| Analyte                 | CAS.NO    | Units |        |     | Location  | LVW-030           |
|-------------------------|-----------|-------|--------|-----|-----------|-------------------|
|                         |           |       |        |     | Sample ID | LVW-030-150809-11 |
|                         |           |       |        |     | Date      | 8/9/2015          |
|                         |           |       |        |     |           |                   |
| Recreationa Agriculture |           |       |        |     |           |                   |
| Metals, Dissolved       |           |       |        |     |           |                   |
| Aluminum, Dissolved     | 7429-90-5 | mg/l  | 170000 |     | --        | 440               |
| Antimony, Dissolved     | 7440-36-0 | mg/l  |        |     | --        | 0.4               |
| Arsenic, Dissolved      | 7440-38-2 | mg/l  | 50     | 100 | --        | 0.49              |
| Barium, Dissolved       | 7440-39-3 | mg/l  | 33000  |     | --        | 82                |
| Beryllium, Dissolved    | 7440-41-7 | mg/l  | 330    | 100 | --        | 0.15              |
| Cadmium, Dissolved      | 7440-43-9 | mg/l  | 83     | 10  | --        | 0.043             |
| Calcium, Dissolved      | 7440-70-2 | mg/l  |        |     | --        | 53000             |
| Chromium, Dissolved     | 7440-47-3 | mg/l  | 210000 | 100 | --        | 1                 |
| Cobalt, Dissolved       | 7440-48-4 | mg/l  | 50     |     | --        | 0.37              |
| Copper, Dissolved       | 7440-50-8 | mg/l  | 6700   | 100 | --        | 2.4               |
| Iron, Dissolved         | 7439-89-6 | mg/l  | 120000 |     | --        | 290               |
| Lead, Dissolved         | 7439-92-1 | mg/l  | 200    | 100 | --        | 1.1               |
| Magnesium, Dissolved    | 7439-95-4 | mg/l  |        |     | --        | 6900              |
| Manganese, Dissolved    | 7439-96-5 | mg/l  | 7800   | 200 | --        | 23                |
| Mercury, Dissolved      | 7439-97-6 | mg/l  |        |     | --        | 0.08 U            |
| Molybdenum, Dissolved   | 7439-98-7 | mg/l  |        |     | --        | 1.3               |
| Nickel, Dissolved       | 7440-02-0 | mg/l  | 330    | 200 | --        | 1.6               |
| Potassium, Dissolved    | 7440-09-7 | mg/l  |        |     | --        | 2500              |
| Selenium, Dissolved     | 7782-49-2 | mg/l  |        | 20  | --        | 2                 |
| Silver, Dissolved       | 7440-22-4 | mg/l  |        |     | --        | 0.1               |
| Sodium, Dissolved       | 7440-23-5 | mg/l  |        |     | --        | 20000             |
| Thallium, Dissolved     | 7440-28-0 | mg/l  | 1.7    |     | --        | 0.1               |
| Vanadium, Dissolved     | 7440-62-2 | mg/l  | 830    |     | --        | 1.4               |
| Zinc, Dissolved         | 7440-66-6 | mg/l  | 50000  |     | --        | 48                |
| Metals, Total           |           |       |        |     |           |                   |
| Aluminum, Total         | 7429-90-5 | mg/l  |        |     | --        | 4300              |
| Antimony, Total         | 7440-36-0 | mg/l  |        |     | --        | 0.4               |
| Arsenic, Total          | 7440-38-2 | mg/l  |        |     | --        | 2.6               |
| Barium, Total           | 7440-39-3 | mg/l  |        |     | --        | 200               |
| Beryllium, Total        | 7440-41-7 | mg/l  |        |     | --        | 0.94              |
| Cadmium, Total          | 7440-43-9 | mg/l  |        |     | --        | 0.19              |
| Calcium, Total          | 7440-70-2 | mg/l  |        |     | --        | 67000             |
| Chromium, Total         | 7440-47-3 | mg/l  |        |     | --        | 2.2               |
| Cobalt, Total           | 7440-48-4 | mg/l  |        |     | --        | 4.5               |
| Copper, Total           | 7440-50-8 | mg/l  |        |     | --        | 15                |
| Iron, Total             | 7439-89-6 | mg/l  |        |     | --        | 3100              |
| Lead, Total             | 7439-92-1 | mg/l  |        |     | --        | 13                |
| Magnesium, Total        | 7439-95-4 | mg/l  |        |     | --        | 8300              |
| Manganese, Total        | 7439-96-5 | mg/l  |        |     | --        | 470               |
| Mercury, Total          | 7439-97-6 | mg/l  |        |     | --        | 0.08 U            |
| Molybdenum, Total       | 7439-98-7 | mg/l  |        |     | --        | 0.58              |
| Nickel, Total           | 7440-02-0 | mg/l  |        |     | --        | 4.4               |

Table 1  
 Surfacewater Analytical Data - Region 6  
 Upper Animas River

|                        |            |      |  |  |    |       |
|------------------------|------------|------|--|--|----|-------|
| Potassium, Total       | 7440-09-7  | mg/l |  |  | -- | 3400  |
| Selenium, Total        | 7782-49-2  | mg/l |  |  | -- | 2     |
| Silver, Total          | 7440-22-4  | mg/l |  |  | -- | 0.1   |
| Sodium, Total          | 7440-23-5  | mg/l |  |  | -- | 20000 |
| Thallium, Total        | 7440-28-0  | mg/l |  |  | -- | 0.1   |
| Vanadium, Total        | 7440-62-2  | mg/l |  |  | -- | 9.6   |
| Zinc, Total            | 7440-66-6  | mg/l |  |  | -- | 49    |
| <b>General</b>         |            |      |  |  |    |       |
| Alkalinity             | STL00171   | mg/L |  |  | -- | 90    |
| Chloride               | 16887-00-6 | mg/L |  |  | -- |       |
| Fluoride               | 16984-48-8 | mg/L |  |  | -- |       |
| Nitrate as N           | 14797-55-8 | mg/L |  |  | -- |       |
| pH                     | STL00204   | SU   |  |  | -- | 8.08  |
| Sulfate                | 14808-79-8 | mg/L |  |  | -- |       |
| Total Dissolved Solids | STL00242   | mg/L |  |  | -- | 130   |
| Total Hardness         | STL00009   | mg/L |  |  | -- | 200   |
| Total Suspended Solids | STL00161   | mg/L |  |  | -- | 130   |

**Bold - Bolded results identify a detected value.**

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

Highlighted cells denote results that exceed the lowest benchmark value

Table 1  
 Surfacewater Analytical Data - Region 6  
 Upper Animas River

| Analyte                 | CAS.NO    | Units |        |     | Location  | LVW-030           |
|-------------------------|-----------|-------|--------|-----|-----------|-------------------|
|                         |           |       |        |     | Sample ID | LVW-030-150810-11 |
|                         |           |       |        |     | Date      | 8/10/2015         |
|                         |           |       |        |     |           |                   |
| Recreationa Agriculture |           |       |        |     |           |                   |
| Metals, Dissolved       |           |       |        |     |           |                   |
| Aluminum, Dissolved     | 7429-90-5 | mg/l  | 170000 |     | --        | 24                |
| Antimony, Dissolved     | 7440-36-0 | mg/l  |        |     | --        | 0.4               |
| Arsenic, Dissolved      | 7440-38-2 | mg/l  | 50     | 100 | --        | 0.53              |
| Barium, Dissolved       | 7440-39-3 | mg/l  | 33000  |     | --        | 70                |
| Beryllium, Dissolved    | 7440-41-7 | mg/l  | 330    | 100 | --        | 0.15              |
| Cadmium, Dissolved      | 7440-43-9 | mg/l  | 83     | 10  | --        | 0.043             |
| Calcium, Dissolved      | 7440-70-2 | mg/l  |        |     | --        | 51000             |
| Chromium, Dissolved     | 7440-47-3 | mg/l  | 210000 | 100 | --        | 1                 |
| Cobalt, Dissolved       | 7440-48-4 | mg/l  | 50     |     | --        | 0.12              |
| Copper, Dissolved       | 7440-50-8 | mg/l  | 6700   | 100 | --        | 2.3               |
| Iron, Dissolved         | 7439-89-6 | mg/l  | 120000 |     | --        | 17                |
| Lead, Dissolved         | 7439-92-1 | mg/l  | 200    | 100 | --        | 0.069             |
| Magnesium, Dissolved    | 7439-95-4 | mg/l  |        |     | --        | 6800              |
| Manganese, Dissolved    | 7439-96-5 | mg/l  | 7800   | 200 | --        | 6.7               |
| Mercury, Dissolved      | 7439-97-6 | mg/l  |        |     | --        | 0.08 U            |
| Molybdenum, Dissolved   | 7439-98-7 | mg/l  |        |     | --        | 1.3               |
| Nickel, Dissolved       | 7440-02-0 | mg/l  | 330    | 200 | --        | 1.3               |
| Potassium, Dissolved    | 7440-09-7 | mg/l  |        |     | --        | 2300              |
| Selenium, Dissolved     | 7782-49-2 | mg/l  |        | 20  | --        | 0.58              |
| Silver, Dissolved       | 7440-22-4 | mg/l  |        |     | --        | 0.1               |
| Sodium, Dissolved       | 7440-23-5 | mg/l  |        |     | --        | 18000             |
| Thallium, Dissolved     | 7440-28-0 | mg/l  | 1.7    |     | --        | 0.1               |
| Vanadium, Dissolved     | 7440-62-2 | mg/l  | 830    |     | --        | 0.91              |
| Zinc, Dissolved         | 7440-66-6 | mg/l  | 50000  |     | --        | 2.8               |
| Metals, Total           |           |       |        |     |           |                   |
| Aluminum, Total         | 7429-90-5 | mg/l  |        |     | --        | 4700              |
| Antimony, Total         | 7440-36-0 | mg/l  |        |     | --        | 0.4               |
| Arsenic, Total          | 7440-38-2 | mg/l  |        |     | --        | 1.7               |
| Barium, Total           | 7440-39-3 | mg/l  |        |     | --        | 140               |
| Beryllium, Total        | 7440-41-7 | mg/l  |        |     | --        | 0.36              |
| Cadmium, Total          | 7440-43-9 | mg/l  |        |     | --        | 0.049             |
| Calcium, Total          | 7440-70-2 | mg/l  |        |     | --        | 55000             |
| Chromium, Total         | 7440-47-3 | mg/l  |        |     | --        | 2.6               |
| Cobalt, Total           | 7440-48-4 | mg/l  |        |     | --        | 2.1               |
| Copper, Total           | 7440-50-8 | mg/l  |        |     | --        | 7.3               |
| Iron, Total             | 7439-89-6 | mg/l  |        |     | --        | 3100              |
| Lead, Total             | 7439-92-1 | mg/l  |        |     | --        | 7.9               |
| Magnesium, Total        | 7439-95-4 | mg/l  |        |     | --        | 7600              |
| Manganese, Total        | 7439-96-5 | mg/l  |        |     | --        | 190               |
| Mercury, Total          | 7439-97-6 | mg/l  |        |     | --        | 0.08 U            |
| Molybdenum, Total       | 7439-98-7 | mg/l  |        |     | --        | 1.1               |
| Nickel, Total           | 7440-02-0 | mg/l  |        |     | --        | 2.8               |

Table 1  
 Surfacewater Analytical Data - Region 6  
 Upper Animas River

|                        |            |      |  |  |    |       |
|------------------------|------------|------|--|--|----|-------|
| Potassium, Total       | 7440-09-7  | mg/l |  |  | -- | 3200  |
| Selenium, Total        | 7782-49-2  | mg/l |  |  | -- | 0.58  |
| Silver, Total          | 7440-22-4  | mg/l |  |  | -- | 0.1   |
| Sodium, Total          | 7440-23-5  | mg/l |  |  | -- | 18000 |
| Thallium, Total        | 7440-28-0  | mg/l |  |  | -- | 0.1   |
| Vanadium, Total        | 7440-62-2  | mg/l |  |  | -- | 7.2   |
| Zinc, Total            | 7440-66-6  | mg/l |  |  | -- | 25    |
| <b>General</b>         |            |      |  |  |    |       |
| Alkalinity             | STL00171   | mg/L |  |  | -- | 89    |
| Chloride               | 16887-00-6 | mg/L |  |  | -- |       |
| Fluoride               | 16984-48-8 | mg/L |  |  | -- |       |
| Nitrate as N           | 14797-55-8 | mg/L |  |  | -- |       |
| pH                     | STL00204   | SU   |  |  | -- | 8.08  |
| Sulfate                | 14808-79-8 | mg/L |  |  | -- |       |
| Total Dissolved Solids | STL00242   | mg/L |  |  | -- | 240   |
| Total Hardness         | STL00009   | mg/L |  |  | -- | 170   |
| Total Suspended Solids | STL00161   | mg/L |  |  | -- | 240   |

**Bold - Bolded results identify a detected value.**

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MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

Highlighted cells denote results that exceed the lowest benchmark value



Table 1  
 Surfacewater Analytical Data - Region 6  
 Upper Animas River

| Analyte                 | CAS.NO    | Units |        |     | Location  | MW-020           |
|-------------------------|-----------|-------|--------|-----|-----------|------------------|
|                         |           |       |        |     | Sample ID | MW-020-150810-11 |
|                         |           |       |        |     | Date      | 8/10/2015        |
|                         |           |       |        |     |           |                  |
| Recreationa Agriculture |           |       |        |     |           |                  |
| Metals, Dissolved       |           |       |        |     |           |                  |
| Aluminum, Dissolved     | 7429-90-5 | mg/l  | 170000 |     | --        | 39               |
| Antimony, Dissolved     | 7440-36-0 | mg/l  |        |     | --        | 0.4              |
| Arsenic, Dissolved      | 7440-38-2 | mg/l  | 50     | 100 | --        | 0.37             |
| Barium, Dissolved       | 7440-39-3 | mg/l  | 33000  |     | --        | 60               |
| Beryllium, Dissolved    | 7440-41-7 | mg/l  | 330    | 100 | --        | 0.15             |
| Cadmium, Dissolved      | 7440-43-9 | mg/l  | 83     | 10  | --        | 0.043            |
| Calcium, Dissolved      | 7440-70-2 | mg/l  |        |     | --        | 65000            |
| Chromium, Dissolved     | 7440-47-3 | mg/l  | 210000 | 100 | --        | 1                |
| Cobalt, Dissolved       | 7440-48-4 | mg/l  | 50     |     | --        | 0.12             |
| Copper, Dissolved       | 7440-50-8 | mg/l  | 6700   | 100 | --        | 2.2              |
| Iron, Dissolved         | 7439-89-6 | mg/l  | 120000 |     | --        | 17               |
| Lead, Dissolved         | 7439-92-1 | mg/l  | 200    | 100 | --        | 0.31             |
| Magnesium, Dissolved    | 7439-95-4 | mg/l  |        |     | --        | 8500             |
| Manganese, Dissolved    | 7439-96-5 | mg/l  | 7800   | 200 | --        | 14               |
| Mercury, Dissolved      | 7439-97-6 | mg/l  |        |     | --        | 0.08 U           |
| Molybdenum, Dissolved   | 7439-98-7 | mg/l  |        |     | --        | 1.2              |
| Nickel, Dissolved       | 7440-02-0 | mg/l  | 330    | 200 | --        | 1.3              |
| Potassium, Dissolved    | 7440-09-7 | mg/l  |        |     | --        | 2000             |
| Selenium, Dissolved     | 7782-49-2 | mg/l  |        | 20  | --        | 0.58             |
| Silver, Dissolved       | 7440-22-4 | mg/l  |        |     | --        | 0.1              |
| Sodium, Dissolved       | 7440-23-5 | mg/l  |        |     | --        | 15000            |
| Thallium, Dissolved     | 7440-28-0 | mg/l  | 1.7    |     | --        | 0.1              |
| Vanadium, Dissolved     | 7440-62-2 | mg/l  | 830    |     | --        | 0.3              |
| Zinc, Dissolved         | 7440-66-6 | mg/l  | 50000  |     | --        | 3.1              |
| Metals, Total           |           |       |        |     |           |                  |
| Aluminum, Total         | 7429-90-5 | mg/l  |        |     | --        | 530              |
| Antimony, Total         | 7440-36-0 | mg/l  |        |     | --        | 0.4              |
| Arsenic, Total          | 7440-38-2 | mg/l  |        |     | --        | 0.66             |
| Barium, Total           | 7440-39-3 | mg/l  |        |     | --        | 69               |
| Beryllium, Total        | 7440-41-7 | mg/l  |        |     | --        | 0.15             |
| Cadmium, Total          | 7440-43-9 | mg/l  |        |     | --        | 0.12             |
| Calcium, Total          | 7440-70-2 | mg/l  |        |     | --        | 66000            |
| Chromium, Total         | 7440-47-3 | mg/l  |        |     | --        | 1                |
| Cobalt, Total           | 7440-48-4 | mg/l  |        |     | --        | 0.36             |
| Copper, Total           | 7440-50-8 | mg/l  |        |     | --        | 6.1              |
| Iron, Total             | 7439-89-6 | mg/l  |        |     | --        | 1000             |
| Lead, Total             | 7439-92-1 | mg/l  |        |     | --        | 12               |
| Magnesium, Total        | 7439-95-4 | mg/l  |        |     | --        | 8700             |
| Manganese, Total        | 7439-96-5 | mg/l  |        |     | --        | 86               |
| Mercury, Total          | 7439-97-6 | mg/l  |        |     | --        | 0.08 U           |
| Molybdenum, Total       | 7439-98-7 | mg/l  |        |     | --        | 1.2              |
| Nickel, Total           | 7440-02-0 | mg/l  |        |     | --        | 1.1              |

Table 1  
 Surfacewater Analytical Data - Region 6  
 Upper Animas River

|                        |            |      |  |  |    |       |
|------------------------|------------|------|--|--|----|-------|
| Potassium, Total       | 7440-09-7  | mg/l |  |  | -- | 2100  |
| Selenium, Total        | 7782-49-2  | mg/l |  |  | -- | 0.58  |
| Silver, Total          | 7440-22-4  | mg/l |  |  | -- | 0.1   |
| Sodium, Total          | 7440-23-5  | mg/l |  |  | -- | 15000 |
| Thallium, Total        | 7440-28-0  | mg/l |  |  | -- | 0.1   |
| Vanadium, Total        | 7440-62-2  | mg/l |  |  | -- | 0.98  |
| Zinc, Total            | 7440-66-6  | mg/l |  |  | -- | 36    |
| <b>General</b>         |            |      |  |  |    |       |
| Alkalinity             | STL00171   | mg/L |  |  | -- | 89    |
| Chloride               | 16887-00-6 | mg/L |  |  | -- |       |
| Fluoride               | 16984-48-8 | mg/L |  |  | -- |       |
| Nitrate as N           | 14797-55-8 | mg/L |  |  | -- |       |
| pH                     | STL00204   | SU   |  |  | -- | 8.11  |
| Sulfate                | 14808-79-8 | mg/L |  |  | -- |       |
| Total Dissolved Solids | STL00242   | mg/L |  |  | -- | 270   |
| Total Hardness         | STL00009   | mg/L |  |  | -- | 200   |
| Total Suspended Solids | STL00161   | mg/L |  |  | -- | 270   |

**Bold - Bolded results identify a detected value.**

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MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

Highlighted cells denote results that exceed the lowest benchmark value

Table 1  
 Surfacewater Analytical Data - Region 6  
 Upper Animas River

| Analyte               | CAS.NO    | Units |                        |     | Location  | NSW-020        |
|-----------------------|-----------|-------|------------------------|-----|-----------|----------------|
|                       |           |       |                        |     | Sample ID | NSW-020-150010 |
|                       |           |       |                        |     | Date      | 11             |
|                       |           |       |                        |     |           | 8/10/2015      |
|                       |           |       | Recreation Agriculture |     |           |                |
| Metals, Dissolved     |           |       | IRSL                   |     |           |                |
| Aluminum, Dissolved   | 7429-90-5 | mg/l  | 170000                 |     | --        | 45             |
| Antimony, Dissolved   | 7440-36-0 | mg/l  |                        |     | --        | 0.4            |
| Arsenic, Dissolved    | 7440-38-2 | mg/l  | 50                     | 100 | --        | 0.37           |
| Barium, Dissolved     | 7440-39-3 | mg/l  | 33000                  |     | --        | 60             |
| Beryllium, Dissolved  | 7440-41-7 | mg/l  | 330                    | 100 | --        | 0.15           |
| Cadmium, Dissolved    | 7440-43-9 | mg/l  | 83                     | 10  | --        | 0.043          |
| Calcium, Dissolved    | 7440-70-2 | mg/l  |                        |     | --        | 61000          |
| Chromium, Dissolved   | 7440-47-3 | mg/l  | 210000                 | 100 | --        | 1              |
| Cobalt, Dissolved     | 7440-48-4 | mg/l  | 50                     |     | --        | 0.3            |
| Copper, Dissolved     | 7440-50-8 | mg/l  | 6700                   | 100 | --        | 2.7            |
| Iron, Dissolved       | 7439-89-6 | mg/l  | 120000                 |     | --        | 17             |
| Lead, Dissolved       | 7439-92-1 | mg/l  | 200                    | 100 | --        | 0.32           |
| Magnesium, Dissolved  | 7439-95-4 | mg/l  |                        |     | --        | 8500           |
| Manganese, Dissolved  | 7439-96-5 | mg/l  | 7800                   | 200 | --        | 12             |
| Mercury, Dissolved    | 7439-97-6 | mg/l  |                        |     | --        | 0.08 U         |
| Molybdenum, Dissolved | 7439-98-7 | mg/l  |                        |     | --        | 1.1            |
| Nickel, Dissolved     | 7440-02-0 | mg/l  | 330                    | 200 | --        | 1.2            |
| Potassium, Dissolved  | 7440-09-7 | mg/l  |                        |     | --        | 2100           |
| Selenium, Dissolved   | 7782-49-2 | mg/l  |                        | 20  | --        | 0.58           |
| Silver, Dissolved     | 7440-22-4 | mg/l  |                        |     | --        | 0.1            |
| Sodium, Dissolved     | 7440-23-5 | mg/l  |                        |     | --        | 13000          |
| Thallium, Dissolved   | 7440-28-0 | mg/l  | 1.7                    |     | --        | 0.1            |
| Vanadium, Dissolved   | 7440-62-2 | mg/l  | 830                    |     | --        | 0.3            |
| Zinc, Dissolved       | 7440-66-6 | mg/l  | 50000                  |     | --        | 4.3            |
| Metals, Total         |           |       |                        |     |           |                |
| Aluminum, Total       | 7429-90-5 | mg/l  |                        |     | --        | 310            |
| Antimony, Total       | 7440-36-0 | mg/l  |                        |     | --        | 0.4            |
| Arsenic, Total        | 7440-38-2 | mg/l  |                        |     | --        | 0.37           |
| Barium, Total         | 7440-39-3 | mg/l  |                        |     | --        | 64             |
| Beryllium, Total      | 7440-41-7 | mg/l  |                        |     | --        | 0.15           |
| Cadmium, Total        | 7440-43-9 | mg/l  |                        |     | --        | 0.073          |
| Calcium, Total        | 7440-70-2 | mg/l  |                        |     | --        | 60000          |
| Chromium, Total       | 7440-47-3 | mg/l  |                        |     | --        | 1              |
| Cobalt, Total         | 7440-48-4 | mg/l  |                        |     | --        | 0.22           |
| Copper, Total         | 7440-50-8 | mg/l  |                        |     | --        | 4.7            |
| Iron, Total           | 7439-89-6 | mg/l  |                        |     | --        | 640            |
| Lead, Total           | 7439-92-1 | mg/l  |                        |     | --        | 8.6            |
| Magnesium, Total      | 7439-95-4 | mg/l  |                        |     | --        | 8400           |
| Manganese, Total      | 7439-96-5 | mg/l  |                        |     | --        | 45             |
| Mercury, Total        | 7439-97-6 | mg/l  |                        |     | --        | 0.08 U         |
| Molybdenum, Total     | 7439-98-7 | mg/l  |                        |     | --        | 1              |
| Nickel, Total         | 7440-02-0 | mg/l  |                        |     | --        | 0.98           |

Table 1  
 Surfacewater Analytical Data - Region 6  
 Upper Animas River

|                        |            |      |  |  |    |       |
|------------------------|------------|------|--|--|----|-------|
| Potassium, Total       | 7440-09-7  | mg/l |  |  | -- | 2100  |
| Selenium, Total        | 7782-49-2  | mg/l |  |  | -- | 0.58  |
| Silver, Total          | 7440-22-4  | mg/l |  |  | -- | 0.1   |
| Sodium, Total          | 7440-23-5  | mg/l |  |  | -- | 12000 |
| Thallium, Total        | 7440-28-0  | mg/l |  |  | -- | 0.1   |
| Vanadium, Total        | 7440-62-2  | mg/l |  |  | -- | 0.74  |
| Zinc, Total            | 7440-66-6  | mg/l |  |  | -- | 24    |
| <b>General</b>         |            |      |  |  |    |       |
| Alkalinity             | STL00171   | mg/L |  |  | -- | 99    |
| Chloride               | 16887-00-6 | mg/L |  |  | -- |       |
| Fluoride               | 16984-48-8 | mg/L |  |  | -- |       |
| Nitrate as N           | 14797-55-8 | mg/L |  |  | -- |       |
| pH                     | STL00204   | SU   |  |  | -- | 8.12  |
| Sulfate                | 14808-79-8 | mg/L |  |  | -- |       |
| Total Dissolved Solids | STL00242   | mg/L |  |  | -- | 250   |
| Total Hardness         | STL00009   | mg/L |  |  | -- | 180   |
| Total Suspended Solids | STL00161   | mg/L |  |  | -- | 250   |

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MDL - Method Detection Limit

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U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

Highlighted cells denote results that exceed the lowest benchmark value

Table 1  
 Surfacewater Analytical Data - Region 6  
 Upper Animas River

| Analyte                 | CAS.NO    | Units |        |     | Location  | ADW-010           |
|-------------------------|-----------|-------|--------|-----|-----------|-------------------|
|                         |           |       |        |     | Sample ID | ADW-010-150811-11 |
|                         |           |       |        |     | Date      | 8/11/2015         |
|                         |           |       |        |     |           |                   |
| Recreationa Agriculture |           |       |        |     |           |                   |
| Metals, Dissolved       |           |       |        |     |           |                   |
| Aluminum, Dissolved     | 7429-90-5 | mg/l  | 170000 |     | --        | 51 J              |
| Antimony, Dissolved     | 7440-36-0 | mg/l  |        |     | --        | < 0.4 U           |
| Arsenic, Dissolved      | 7440-38-2 | mg/l  | 50     | 100 | --        | < 0.37 U          |
| Barium, Dissolved       | 7440-39-3 | mg/l  | 33000  |     | --        | 62                |
| Beryllium, Dissolved    | 7440-41-7 | mg/l  | 330    | 100 | --        | < 0.15 U          |
| Cadmium, Dissolved      | 7440-43-9 | mg/l  | 83     | 10  | --        | < 0.043 U         |
| Calcium, Dissolved      | 7440-70-2 | mg/l  |        |     | --        | 60000             |
| Chromium, Dissolved     | 7440-47-3 | mg/l  | 210000 | 100 | --        | < 1 U             |
| Cobalt, Dissolved       | 7440-48-4 | mg/l  | 50     |     | --        | 0.13 J            |
| Copper, Dissolved       | 7440-50-8 | mg/l  | 6700   | 100 | --        | 3                 |
| Iron, Dissolved         | 7439-89-6 | mg/l  | 120000 |     | --        | 20 J              |
| Lead, Dissolved         | 7439-92-1 | mg/l  | 200    | 100 | --        | 0.61              |
| Magnesium, Dissolved    | 7439-95-4 | mg/l  |        |     | --        | 8700              |
| Manganese, Dissolved    | 7439-96-5 | mg/l  | 7800   | 200 | --        | 19                |
| Mercury, Dissolved      | 7439-97-6 | mg/l  |        |     | --        | < 0.08 U          |
| Molybdenum, Dissolved   | 7439-98-7 | mg/l  |        |     | --        | 1.2               |
| Nickel, Dissolved       | 7440-02-0 | mg/l  | 330    | 200 | --        | 1.9               |
| Potassium, Dissolved    | 7440-09-7 | mg/l  |        |     | --        | 2300              |
| Selenium, Dissolved     | 7782-49-2 | mg/l  |        | 20  | --        | 0.61 J B          |
| Silver, Dissolved       | 7440-22-4 | mg/l  |        |     | --        | < 0.1 U           |
| Sodium, Dissolved       | 7440-23-5 | mg/l  |        |     | --        | 15000             |
| Thallium, Dissolved     | 7440-28-0 | mg/l  | 1.7    |     | --        | < 0.1 U           |
| Vanadium, Dissolved     | 7440-62-2 | mg/l  | 830    |     | --        | < 0.3 U           |
| Zinc, Dissolved         | 7440-66-6 | mg/l  | 50000  |     | --        | 5.4 J             |
| Metals, Total           |           |       |        |     |           |                   |
| Aluminum, Total         | 7429-90-5 | mg/l  |        |     | --        | 210               |
| Antimony, Total         | 7440-36-0 | mg/l  |        |     | --        | < 0.4 U           |
| Arsenic, Total          | 7440-38-2 | mg/l  |        |     | --        | 0.7 J             |
| Barium, Total           | 7440-39-3 | mg/l  |        |     | --        | 65                |
| Beryllium, Total        | 7440-41-7 | mg/l  |        |     | --        | < 0.15 U          |
| Cadmium, Total          | 7440-43-9 | mg/l  |        |     | --        | 0.077 J           |
| Calcium, Total          | 7440-70-2 | mg/l  |        |     | --        | 60000             |
| Chromium, Total         | 7440-47-3 | mg/l  |        |     | --        | < 1 U             |
| Cobalt, Total           | 7440-48-4 | mg/l  |        |     | --        | 0.23 J            |
| Copper, Total           | 7440-50-8 | mg/l  |        |     | --        | 4.3               |
| Iron, Total             | 7439-89-6 | mg/l  |        |     | --        | 410               |
| Lead, Total             | 7439-92-1 | mg/l  |        |     | --        | 5.2               |
| Magnesium, Total        | 7439-95-4 | mg/l  |        |     | --        | 8600              |
| Manganese, Total        | 7439-96-5 | mg/l  |        |     | --        | 59                |
| Mercury, Total          | 7439-97-6 | mg/l  |        |     | --        | < 0.08 U          |
| Molybdenum, Total       | 7439-98-7 | mg/l  |        |     | --        | 1.1               |
| Nickel, Total           | 7440-02-0 | mg/l  |        |     | --        | 0.93 J            |

Table 1  
 Surfacewater Analytical Data - Region 6  
 Upper Animas River

|                        |            |      |  |  |    |                 |
|------------------------|------------|------|--|--|----|-----------------|
| Potassium, Total       | 7440-09-7  | mg/l |  |  | -- | <b>2300</b>     |
| Selenium, Total        | 7782-49-2  | mg/l |  |  | -- | <b>0.72 J B</b> |
| Silver, Total          | 7440-22-4  | mg/l |  |  | -- | < 0.1 U         |
| Sodium, Total          | 7440-23-5  | mg/l |  |  | -- | <b>15000</b>    |
| Thallium, Total        | 7440-28-0  | mg/l |  |  | -- | < 0.1 U         |
| Vanadium, Total        | 7440-62-2  | mg/l |  |  | -- | <b>0.56 J</b>   |
| Zinc, Total            | 7440-66-6  | mg/l |  |  | -- | <b>22</b>       |
| <b>General</b>         |            |      |  |  |    |                 |
| Alkalinity             | STL00171   | mg/L |  |  | -- | <b>83</b>       |
| Chloride               | 16887-00-6 | mg/L |  |  | -- | <b>12</b>       |
| Fluoride               | 16984-48-8 | mg/L |  |  | -- | <b>0.33</b>     |
| Nitrate as N           | 14797-55-8 | mg/L |  |  | -- | < 0.023 U H     |
| pH                     | STL00204   | SU   |  |  | -- | <b>8.22 HF</b>  |
| Sulfate                | 14808-79-8 | mg/L |  |  | -- | <b>93</b>       |
| Total Dissolved Solids | STL00242   | mg/L |  |  | -- | <b>240</b>      |
| Total Hardness         | STL00009   | mg/L |  |  | -- | <b>190</b>      |
| Total Suspended Solids | STL00161   | mg/L |  |  | -- | <b>58</b>       |

**Bold - Bolded results identify a detected value.**

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

Highlighted cells denote results that exceed the lowest benchmark value

Table 1  
 Surfacewater Analytical Data - Region 6  
 Upper Animas River

| Analyte                   | CAS.NO    | Units |        |     | Location  | ADW-021           |
|---------------------------|-----------|-------|--------|-----|-----------|-------------------|
|                           |           |       |        |     | Sample ID | ADW-021-150811-11 |
|                           |           |       |        |     | Date      | 8/11/2015         |
|                           |           |       |        |     |           |                   |
| Recreationa Agriculture   |           |       |        |     |           |                   |
| Metals, Dissolved I RSL e |           |       |        |     |           |                   |
| Aluminum, Dissolved       | 7429-90-5 | mg/l  | 170000 |     | --        | 36 J              |
| Antimony, Dissolved       | 7440-36-0 | mg/l  |        |     | --        | < 0.4 U           |
| Arsenic, Dissolved        | 7440-38-2 | mg/l  | 50     | 100 | --        | < 0.37 U          |
| Barium, Dissolved         | 7440-39-3 | mg/l  | 33000  |     | --        | 62                |
| Beryllium, Dissolved      | 7440-41-7 | mg/l  | 330    | 100 | --        | < 0.15 U          |
| Cadmium, Dissolved        | 7440-43-9 | mg/l  | 83     | 10  | --        | < 0.043 U         |
| Calcium, Dissolved        | 7440-70-2 | mg/l  |        |     | --        | 61000             |
| Chromium, Dissolved       | 7440-47-3 | mg/l  | 210000 | 100 | --        | < 1 U             |
| Cobalt, Dissolved         | 7440-48-4 | mg/l  | 50     |     | --        | 0.12 J            |
| Copper, Dissolved         | 7440-50-8 | mg/l  | 6700   | 100 | --        | 2.7               |
| Iron, Dissolved           | 7439-89-6 | mg/l  | 120000 |     | --        | < 17 U            |
| Lead, Dissolved           | 7439-92-1 | mg/l  | 200    | 100 | --        | 0.18 J            |
| Magnesium, Dissolved      | 7439-95-4 | mg/l  |        |     | --        | 8900              |
| Manganese, Dissolved      | 7439-96-5 | mg/l  | 7800   | 200 | --        | 13                |
| Mercury, Dissolved        | 7439-97-6 | mg/l  |        |     | --        | < 0.08 U          |
| Molybdenum, Dissolved     | 7439-98-7 | mg/l  |        |     | --        | 1.2               |
| Nickel, Dissolved         | 7440-02-0 | mg/l  | 330    | 200 | --        | 1.2               |
| Potassium, Dissolved      | 7440-09-7 | mg/l  |        |     | --        | 2300              |
| Selenium, Dissolved       | 7782-49-2 | mg/l  |        | 20  | --        | 1.2 J B           |
| Silver, Dissolved         | 7440-22-4 | mg/l  |        |     | --        | < 0.1 U           |
| Sodium, Dissolved         | 7440-23-5 | mg/l  |        |     | --        | 14000             |
| Thallium, Dissolved       | 7440-28-0 | mg/l  | 1.7    |     | --        | < 0.1 U           |
| Vanadium, Dissolved       | 7440-62-2 | mg/l  | 830    |     | --        | < 0.3 U           |
| Zinc, Dissolved           | 7440-66-6 | mg/l  | 50000  |     | --        | 4.6 J             |
| Metals, Total             |           |       |        |     |           |                   |
| Aluminum, Total           | 7429-90-5 | mg/l  |        |     | --        | 190 J             |
| Antimony, Total           | 7440-36-0 | mg/l  |        |     | --        | < 0.4 U           |
| Arsenic, Total            | 7440-38-2 | mg/l  |        |     | --        | 0.58 J            |
| Barium, Total             | 7440-39-3 | mg/l  |        |     | --        | 63                |
| Beryllium, Total          | 7440-41-7 | mg/l  |        |     | --        | < 0.15 U          |
| Cadmium, Total            | 7440-43-9 | mg/l  |        |     | --        | 0.099 J           |
| Calcium, Total            | 7440-70-2 | mg/l  |        |     | --        | 59000             |
| Chromium, Total           | 7440-47-3 | mg/l  |        |     | --        | < 1 U             |
| Cobalt, Total             | 7440-48-4 | mg/l  |        |     | --        | 0.22 J            |
| Copper, Total             | 7440-50-8 | mg/l  |        |     | --        | 4.3               |
| Iron, Total               | 7439-89-6 | mg/l  |        |     | --        | 400               |
| Lead, Total               | 7439-92-1 | mg/l  |        |     | --        | 5.1               |
| Magnesium, Total          | 7439-95-4 | mg/l  |        |     | --        | 8500              |
| Manganese, Total          | 7439-96-5 | mg/l  |        |     | --        | 53                |
| Mercury, Total            | 7439-97-6 | mg/l  |        |     | --        | < 0.08 U          |
| Molybdenum, Total         | 7439-98-7 | mg/l  |        |     | --        | 0.98 J            |
| Nickel, Total             | 7440-02-0 | mg/l  |        |     | --        | 1.1               |

Table 1  
 Surfacewater Analytical Data - Region 6  
 Upper Animas River

|                        |            |      |  |  |    |                |
|------------------------|------------|------|--|--|----|----------------|
| Potassium, Total       | 7440-09-7  | mg/l |  |  | -- | <b>2200</b>    |
| Selenium, Total        | 7782-49-2  | mg/l |  |  | -- | < 0.58 U       |
| Silver, Total          | 7440-22-4  | mg/l |  |  | -- | < 0.1 U        |
| Sodium, Total          | 7440-23-5  | mg/l |  |  | -- | <b>13000</b>   |
| Thallium, Total        | 7440-28-0  | mg/l |  |  | -- | < 0.1 U        |
| Vanadium, Total        | 7440-62-2  | mg/l |  |  | -- | <b>0.45 J</b>  |
| Zinc, Total            | 7440-66-6  | mg/l |  |  | -- | <b>23</b>      |
| <b>General</b>         |            |      |  |  |    |                |
| Alkalinity             | STL00171   | mg/L |  |  | -- | <b>99</b>      |
| Chloride               | 16887-00-6 | mg/L |  |  | -- | <b>12</b>      |
| Fluoride               | 16984-48-8 | mg/L |  |  | -- | <b>0.33</b>    |
| Nitrate as N           | 14797-55-8 | mg/L |  |  | -- | <b>0.042 J</b> |
| pH                     | STL00204   | SU   |  |  | -- | <b>8.23 HF</b> |
| Sulfate                | 14808-79-8 | mg/L |  |  | -- | <b>89</b>      |
| Total Dissolved Solids | STL00242   | mg/L |  |  | -- | <b>250</b>     |
| Total Hardness         | STL00009   | mg/L |  |  | -- | <b>180</b>     |
| Total Suspended Solids | STL00161   | mg/L |  |  | -- | <b>30</b>      |

**Bold - Bolded results identify a detected value.**

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

Highlighted cells denote results that exceed the lowest benchmark value



Table 1  
Surfacewater Analytical Data - Region 6  
Upper Animas River

| Analyte                 | CAS.NO    | Units |        |     | Location  | ADW-022           |
|-------------------------|-----------|-------|--------|-----|-----------|-------------------|
|                         |           |       |        |     | Sample ID | ADW-022-150811-11 |
|                         |           |       |        |     | Date      | 8/11/2015         |
|                         |           |       |        |     |           |                   |
| Recreationa Agriculture |           |       |        |     |           |                   |
| Metals, Dissolved       |           |       |        |     |           |                   |
| IRSL                    |           |       |        |     |           |                   |
| Aluminum, Dissolved     | 7429-90-5 | mg/l  | 170000 |     | --        | 39 J              |
| Antimony, Dissolved     | 7440-36-0 | mg/l  |        |     | --        | < 0.4 U           |
| Arsenic, Dissolved      | 7440-38-2 | mg/l  | 50     | 100 | --        | < 0.37 U          |
| Barium, Dissolved       | 7440-39-3 | mg/l  | 33000  |     | --        | 70                |
| Beryllium, Dissolved    | 7440-41-7 | mg/l  | 330    | 100 | --        | < 0.15 U          |
| Cadmium, Dissolved      | 7440-43-9 | mg/l  | 83     | 10  | --        | < 0.043 U         |
| Calcium, Dissolved      | 7440-70-2 | mg/l  |        |     | --        | 65000             |
| Chromium, Dissolved     | 7440-47-3 | mg/l  | 210000 | 100 | --        | < 1 U             |
| Cobalt, Dissolved       | 7440-48-4 | mg/l  | 50     |     | --        | 0.13 J            |
| Copper, Dissolved       | 7440-50-8 | mg/l  | 6700   | 100 | --        | 2.9               |
| Iron, Dissolved         | 7439-89-6 | mg/l  | 120000 |     | --        | < 17 U            |
| Lead, Dissolved         | 7439-92-1 | mg/l  | 200    | 100 | --        | 0.38              |
| Magnesium, Dissolved    | 7439-95-4 | mg/l  |        |     | --        | 8900              |
| Manganese, Dissolved    | 7439-96-5 | mg/l  | 7800   | 200 | --        | 19                |
| Mercury, Dissolved      | 7439-97-6 | mg/l  |        |     | --        | < 0.08 U          |
| Molybdenum, Dissolved   | 7439-98-7 | mg/l  |        |     | --        | 1.1               |
| Nickel, Dissolved       | 7440-02-0 | mg/l  | 330    | 200 | --        | 1.3               |
| Potassium, Dissolved    | 7440-09-7 | mg/l  |        |     | --        | 2300              |
| Selenium, Dissolved     | 7782-49-2 | mg/l  |        | 20  | --        | 0.91 J B          |
| Silver, Dissolved       | 7440-22-4 | mg/l  |        |     | --        | < 0.1 U           |
| Sodium, Dissolved       | 7440-23-5 | mg/l  |        |     | --        | 13000             |
| Thallium, Dissolved     | 7440-28-0 | mg/l  | 1.7    |     | --        | < 0.1 U           |
| Vanadium, Dissolved     | 7440-62-2 | mg/l  | 830    |     | --        | < 0.3 U           |
| Zinc, Dissolved         | 7440-66-6 | mg/l  | 50000  |     | --        | 75                |
| Metals, Total           |           |       |        |     |           |                   |
| Aluminum, Total         | 7429-90-5 | mg/l  |        |     | --        | 620               |
| Antimony, Total         | 7440-36-0 | mg/l  |        |     | --        | < 0.4 U           |
| Arsenic, Total          | 7440-38-2 | mg/l  |        |     | --        | 0.83 J            |
| Barium, Total           | 7440-39-3 | mg/l  |        |     | --        | 80                |
| Beryllium, Total        | 7440-41-7 | mg/l  |        |     | --        | < 0.15 U          |
| Cadmium, Total          | 7440-43-9 | mg/l  |        |     | --        | 0.17              |
| Calcium, Total          | 7440-70-2 | mg/l  |        |     | --        | 67000             |
| Chromium, Total         | 7440-47-3 | mg/l  |        |     | --        | < 1 U             |
| Cobalt, Total           | 7440-48-4 | mg/l  |        |     | --        | 0.47              |
| Copper, Total           | 7440-50-8 | mg/l  |        |     | --        | 5.8               |
| Iron, Total             | 7439-89-6 | mg/l  |        |     | --        | 890               |
| Lead, Total             | 7439-92-1 | mg/l  |        |     | --        | 12                |
| Magnesium, Total        | 7439-95-4 | mg/l  |        |     | --        | 9100              |
| Manganese, Total        | 7439-96-5 | mg/l  |        |     | --        | 87                |
| Mercury, Total          | 7439-97-6 | mg/l  |        |     | --        | < 0.08 U          |
| Molybdenum, Total       | 7439-98-7 | mg/l  |        |     | --        | 1.1               |
| Nickel, Total           | 7440-02-0 | mg/l  |        |     | --        | 1.3               |

Table 1  
 Surfacewater Analytical Data - Region 6  
 Upper Animas River

|                        |            |      |  |  |    |                 |
|------------------------|------------|------|--|--|----|-----------------|
| Potassium, Total       | 7440-09-7  | mg/l |  |  | -- | <b>2400</b>     |
| Selenium, Total        | 7782-49-2  | mg/l |  |  | -- | <b>0.87 J B</b> |
| Silver, Total          | 7440-22-4  | mg/l |  |  | -- | < 0.1 U         |
| Sodium, Total          | 7440-23-5  | mg/l |  |  | -- | <b>13000</b>    |
| Thallium, Total        | 7440-28-0  | mg/l |  |  | -- | < 0.1 U         |
| Vanadium, Total        | 7440-62-2  | mg/l |  |  | -- | <b>1.2</b>      |
| Zinc, Total            | 7440-66-6  | mg/l |  |  | -- | <b>38</b>       |
| <b>General</b>         |            |      |  |  |    |                 |
| Alkalinity             | STL00171   | mg/L |  |  | -- | <b>96</b>       |
| Chloride               | 16887-00-6 | mg/L |  |  | -- | <b>11</b>       |
| Fluoride               | 16984-48-8 | mg/L |  |  | -- | <b>0.31</b>     |
| Nitrate as N           | 14797-55-8 | mg/L |  |  | -- | < 0.023 U       |
| pH                     | STL00204   | SU   |  |  | -- | <b>8.38 HF</b>  |
| Sulfate                | 14808-79-8 | mg/L |  |  | -- | <b>88</b>       |
| Total Dissolved Solids | STL00242   | mg/L |  |  | -- | <b>270</b>      |
| Total Hardness         | STL00009   | mg/L |  |  | -- | <b>200</b>      |
| Total Suspended Solids | STL00161   | mg/L |  |  | -- | <b>40</b>       |

**Bold - Bolded results identify a detected value.**

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

Highlighted cells denote results that exceed the lowest benchmark value

Table 1  
 Surfacewater Analytical Data - Region 6  
 Upper Animas River

| Analyte                   | CAS.NO    | Units |        |     | Location  | FW-012           |
|---------------------------|-----------|-------|--------|-----|-----------|------------------|
|                           |           |       |        |     | Sample ID | FW-012-150811-11 |
|                           |           |       |        |     | Date      | 8/11/2015        |
|                           |           |       |        |     |           |                  |
| Recreationa Agriculture   |           |       |        |     |           |                  |
| Metals, Dissolved I RSL e |           |       |        |     |           |                  |
| Aluminum, Dissolved       | 7429-90-5 | mg/l  | 170000 |     | --        | 34 J             |
| Antimony, Dissolved       | 7440-36-0 | mg/l  |        |     | --        | < 0.4 U          |
| Arsenic, Dissolved        | 7440-38-2 | mg/l  | 50     | 100 | --        | < 0.37 U         |
| Barium, Dissolved         | 7440-39-3 | mg/l  | 33000  |     | --        | 64               |
| Beryllium, Dissolved      | 7440-41-7 | mg/l  | 330    | 100 | --        | < 0.15 U         |
| Cadmium, Dissolved        | 7440-43-9 | mg/l  | 83     | 10  | --        | < 0.043 U        |
| Calcium, Dissolved        | 7440-70-2 | mg/l  |        |     | --        | 66000            |
| Chromium, Dissolved       | 7440-47-3 | mg/l  | 210000 | 100 | --        | < 1 U            |
| Cobalt, Dissolved         | 7440-48-4 | mg/l  | 50     |     | --        | < 0.12 U         |
| Copper, Dissolved         | 7440-50-8 | mg/l  | 6700   | 100 | --        | 2.6              |
| Iron, Dissolved           | 7439-89-6 | mg/l  | 120000 |     | --        | < 17 U           |
| Lead, Dissolved           | 7439-92-1 | mg/l  | 200    | 100 | --        | 0.13 J           |
| Magnesium, Dissolved      | 7439-95-4 | mg/l  |        |     | --        | 8800             |
| Manganese, Dissolved      | 7439-96-5 | mg/l  | 7800   | 200 | --        | 14               |
| Mercury, Dissolved        | 7439-97-6 | mg/l  |        |     | --        | < 0.08 U         |
| Molybdenum, Dissolved     | 7439-98-7 | mg/l  |        |     | --        | 1.1              |
| Nickel, Dissolved         | 7440-02-0 | mg/l  | 330    | 200 | --        | 1                |
| Potassium, Dissolved      | 7440-09-7 | mg/l  |        |     | --        | 2200             |
| Selenium, Dissolved       | 7782-49-2 | mg/l  |        | 20  | --        | 1.5 J ^          |
| Silver, Dissolved         | 7440-22-4 | mg/l  |        |     | --        | < 0.1 U          |
| Sodium, Dissolved         | 7440-23-5 | mg/l  |        |     | --        | 16000            |
| Thallium, Dissolved       | 7440-28-0 | mg/l  | 1.7    |     | --        | < 0.1 U          |
| Vanadium, Dissolved       | 7440-62-2 | mg/l  | 830    |     | --        | < 0.3 U          |
| Zinc, Dissolved           | 7440-66-6 | mg/l  | 50000  |     | --        | 5.2 J            |
| Metals, Total             |           |       |        |     |           |                  |
| Aluminum, Total           | 7429-90-5 | mg/l  |        |     | --        | 220              |
| Antimony, Total           | 7440-36-0 | mg/l  |        |     | --        | < 0.4 U          |
| Arsenic, Total            | 7440-38-2 | mg/l  |        |     | --        | < 0.37 U         |
| Barium, Total             | 7440-39-3 | mg/l  |        |     | --        | 68               |
| Beryllium, Total          | 7440-41-7 | mg/l  |        |     | --        | < 0.15 U         |
| Cadmium, Total            | 7440-43-9 | mg/l  |        |     | --        | 0.086 J          |
| Calcium, Total            | 7440-70-2 | mg/l  |        |     | --        | 65000            |
| Chromium, Total           | 7440-47-3 | mg/l  |        |     | --        | < 1 U            |
| Cobalt, Total             | 7440-48-4 | mg/l  |        |     | --        | 0.25 J           |
| Copper, Total             | 7440-50-8 | mg/l  |        |     | --        | 3.9              |
| Iron, Total               | 7439-89-6 | mg/l  |        |     | --        | 390              |
| Lead, Total               | 7439-92-1 | mg/l  |        |     | --        | 5.1              |
| Magnesium, Total          | 7439-95-4 | mg/l  |        |     | --        | 8700             |
| Manganese, Total          | 7439-96-5 | mg/l  |        |     | --        | 57               |
| Mercury, Total            | 7439-97-6 | mg/l  |        |     | --        | < 0.08 U         |
| Molybdenum, Total         | 7439-98-7 | mg/l  |        |     | --        | 1.1              |
| Nickel, Total             | 7440-02-0 | mg/l  |        |     | --        | 0.93 J           |

Table 1  
 Surfacewater Analytical Data - Region 6  
 Upper Animas River

|                        |            |      |  |  |    |                |
|------------------------|------------|------|--|--|----|----------------|
| Potassium, Total       | 7440-09-7  | mg/l |  |  | -- | <b>2200</b>    |
| Selenium, Total        | 7782-49-2  | mg/l |  |  | -- | < 0.58 U       |
| Silver, Total          | 7440-22-4  | mg/l |  |  | -- | < 0.1 U        |
| Sodium, Total          | 7440-23-5  | mg/l |  |  | -- | <b>16000</b>   |
| Thallium, Total        | 7440-28-0  | mg/l |  |  | -- | < 0.1 U        |
| Vanadium, Total        | 7440-62-2  | mg/l |  |  | -- | <b>0.44 J</b>  |
| Zinc, Total            | 7440-66-6  | mg/l |  |  | -- | <b>20</b>      |
| <b>General</b>         |            |      |  |  |    |                |
| Alkalinity             | STL00171   | mg/L |  |  | -- | <b>93</b>      |
| Chloride               | 16887-00-6 | mg/L |  |  | -- | <b>12</b>      |
| Fluoride               | 16984-48-8 | mg/L |  |  | -- | <b>0.33</b>    |
| Nitrate as N           | 14797-55-8 | mg/L |  |  | -- | < 0.023 U H    |
| pH                     | STL00204   | SU   |  |  | -- | <b>8.19 HF</b> |
| Sulfate                | 14808-79-8 | mg/L |  |  | -- | <b>100</b>     |
| Total Dissolved Solids | STL00242   | mg/L |  |  | -- | <b>270</b>     |
| Total Hardness         | STL00009   | mg/L |  |  | -- | <b>200</b>     |
| Total Suspended Solids | STL00161   | mg/L |  |  | -- | <b>24</b>      |

**Bold - Bolded results identify a detected value.**

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

Highlighted cells denote results that exceed the lowest benchmark value

Table 1  
 Surfacewater Analytical Data - Region 6  
 Upper Animas River

| Analyte                 | CAS.NO    | Units |        |     | Location  | FW-040           |
|-------------------------|-----------|-------|--------|-----|-----------|------------------|
|                         |           |       |        |     | Sample ID | FW-040-150811-11 |
|                         |           |       |        |     | Date      | 8/11/2015        |
|                         |           |       |        |     |           |                  |
| Recreationa Agriculture |           |       |        |     |           |                  |
| Metals, Dissolved       |           |       | I RSL  |     |           |                  |
| Aluminum, Dissolved     | 7429-90-5 | mg/l  | 170000 |     | --        | 35 J             |
| Antimony, Dissolved     | 7440-36-0 | mg/l  |        |     | --        | < 0.4 U          |
| Arsenic, Dissolved      | 7440-38-2 | mg/l  | 50     | 100 | --        | 0.43 J           |
| Barium, Dissolved       | 7440-39-3 | mg/l  | 33000  |     | --        | 65               |
| Beryllium, Dissolved    | 7440-41-7 | mg/l  | 330    | 100 | --        | < 0.15 U         |
| Cadmium, Dissolved      | 7440-43-9 | mg/l  | 83     | 10  | --        | < 0.043 U        |
| Calcium, Dissolved      | 7440-70-2 | mg/l  |        |     | --        | 67000            |
| Chromium, Dissolved     | 7440-47-3 | mg/l  | 210000 | 100 | --        | < 1 U            |
| Cobalt, Dissolved       | 7440-48-4 | mg/l  | 50     |     | --        | 0.12 J           |
| Copper, Dissolved       | 7440-50-8 | mg/l  | 6700   | 100 | --        | 2.8              |
| Iron, Dissolved         | 7439-89-6 | mg/l  | 120000 |     | --        | < 17 U           |
| Lead, Dissolved         | 7439-92-1 | mg/l  | 200    | 100 | --        | 0.22 J           |
| Magnesium, Dissolved    | 7439-95-4 | mg/l  |        |     | --        | 8900             |
| Manganese, Dissolved    | 7439-96-5 | mg/l  | 7800   | 200 | --        | 8.2              |
| Mercury, Dissolved      | 7439-97-6 | mg/l  |        |     | --        | < 0.08 U         |
| Molybdenum, Dissolved   | 7439-98-7 | mg/l  |        |     | --        | 1.2              |
| Nickel, Dissolved       | 7440-02-0 | mg/l  | 330    | 200 | --        | 1.2              |
| Potassium, Dissolved    | 7440-09-7 | mg/l  |        |     | --        | 2200             |
| Selenium, Dissolved     | 7782-49-2 | mg/l  |        | 20  | --        | 1 J B            |
| Silver, Dissolved       | 7440-22-4 | mg/l  |        |     | --        | < 0.1 U          |
| Sodium, Dissolved       | 7440-23-5 | mg/l  |        |     | --        | 17000            |
| Thallium, Dissolved     | 7440-28-0 | mg/l  | 1.7    |     | --        | < 0.1 U          |
| Vanadium, Dissolved     | 7440-62-2 | mg/l  | 830    |     | --        | < 0.3 U          |
| Zinc, Dissolved         | 7440-66-6 | mg/l  | 50000  |     | --        | < 2.8 U          |
| Metals, Total           |           |       |        |     |           |                  |
| Aluminum, Total         | 7429-90-5 | mg/l  |        |     | --        | 260              |
| Antimony, Total         | 7440-36-0 | mg/l  |        |     | --        | < 0.4 U          |
| Arsenic, Total          | 7440-38-2 | mg/l  |        |     | --        | 0.7 J            |
| Barium, Total           | 7440-39-3 | mg/l  |        |     | --        | 70               |
| Beryllium, Total        | 7440-41-7 | mg/l  |        |     | --        | < 0.15 U         |
| Cadmium, Total          | 7440-43-9 | mg/l  |        |     | --        | 0.13             |
| Calcium, Total          | 7440-70-2 | mg/l  |        |     | --        | 69000            |
| Chromium, Total         | 7440-47-3 | mg/l  |        |     | --        | < 1 U            |
| Cobalt, Total           | 7440-48-4 | mg/l  |        |     | --        | 0.28 J           |
| Copper, Total           | 7440-50-8 | mg/l  |        |     | --        | 9.5              |
| Iron, Total             | 7439-89-6 | mg/l  |        |     | --        | 400              |
| Lead, Total             | 7439-92-1 | mg/l  |        |     | --        | 5.7              |
| Magnesium, Total        | 7439-95-4 | mg/l  |        |     | --        | 9100             |
| Manganese, Total        | 7439-96-5 | mg/l  |        |     | --        | 64               |
| Mercury, Total          | 7439-97-6 | mg/l  |        |     | --        | < 0.08 U         |
| Molybdenum, Total       | 7439-98-7 | mg/l  |        |     | --        | 1                |
| Nickel, Total           | 7440-02-0 | mg/l  |        |     | --        | 1.3              |

Table 1  
 Surfacewater Analytical Data - Region 6  
 Upper Animas River

|                        |            |      |  |  |    |                 |
|------------------------|------------|------|--|--|----|-----------------|
| Potassium, Total       | 7440-09-7  | mg/l |  |  | -- | <b>2300</b>     |
| Selenium, Total        | 7782-49-2  | mg/l |  |  | -- | <b>0.72 J B</b> |
| Silver, Total          | 7440-22-4  | mg/l |  |  | -- | < 0.1 U         |
| Sodium, Total          | 7440-23-5  | mg/l |  |  | -- | <b>17000</b>    |
| Thallium, Total        | 7440-28-0  | mg/l |  |  | -- | < 0.1 U         |
| Vanadium, Total        | 7440-62-2  | mg/l |  |  | -- | <b>0.51 J</b>   |
| Zinc, Total            | 7440-66-6  | mg/l |  |  | -- | <b>37</b>       |
| <b>General</b>         |            |      |  |  |    |                 |
| Alkalinity             | STL00171   | mg/L |  |  | -- | <b>94</b>       |
| Chloride               | 16887-00-6 | mg/L |  |  | -- | <b>12</b>       |
| Fluoride               | 16984-48-8 | mg/L |  |  | -- | <b>0.33</b>     |
| Nitrate as N           | 14797-55-8 | mg/L |  |  | -- | < 0.023 U       |
| pH                     | STL00204   | SU   |  |  | -- | <b>8.26 HF</b>  |
| Sulfate                | 14808-79-8 | mg/L |  |  | -- | <b>100</b>      |
| Total Dissolved Solids | STL00242   | mg/L |  |  | -- | <b>280</b>      |
| Total Hardness         | STL00009   | mg/L |  |  | -- | <b>210</b>      |
| Total Suspended Solids | STL00161   | mg/L |  |  | -- | <b>42</b>       |

**Bold - Bolded results identify a detected value.**

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

Highlighted cells denote results that exceed the lowest benchmark value

Table 1  
 Surfacewater Analytical Data - Region 6  
 Upper Animas River

| Analyte                   | CAS.NO    | Units |        |     | Location  | LVW-020           |
|---------------------------|-----------|-------|--------|-----|-----------|-------------------|
|                           |           |       |        |     | Sample ID | LVW-020-150811-11 |
|                           |           |       |        |     | Date      | 8/11/2015         |
|                           |           |       |        |     |           |                   |
| Recreationa Agriculture   |           |       |        |     |           |                   |
| Metals, Dissolved I RSL e |           |       |        |     |           |                   |
| Aluminum, Dissolved       | 7429-90-5 | mg/l  | 170000 |     | --        | < 24 U            |
| Antimony, Dissolved       | 7440-36-0 | mg/l  |        |     | --        | < 0.4 U           |
| Arsenic, Dissolved        | 7440-38-2 | mg/l  | 50     | 100 | --        | 0.91 J            |
| Barium, Dissolved         | 7440-39-3 | mg/l  | 33000  |     | --        | 76                |
| Beryllium, Dissolved      | 7440-41-7 | mg/l  | 330    | 100 | --        | < 0.15 U          |
| Cadmium, Dissolved        | 7440-43-9 | mg/l  | 83     | 10  | --        | < 0.043 U         |
| Calcium, Dissolved        | 7440-70-2 | mg/l  |        |     | --        | 59000             |
| Chromium, Dissolved       | 7440-47-3 | mg/l  | 210000 | 100 | --        | < 1 U             |
| Cobalt, Dissolved         | 7440-48-4 | mg/l  | 50     |     | --        | 0.13 J            |
| Copper, Dissolved         | 7440-50-8 | mg/l  | 6700   | 100 | --        | 3.1               |
| Iron, Dissolved           | 7439-89-6 | mg/l  | 120000 |     | --        | < 17 U            |
| Lead, Dissolved           | 7439-92-1 | mg/l  | 200    | 100 | --        | < 0.06 U          |
| Magnesium, Dissolved      | 7439-95-4 | mg/l  |        |     | --        | 7900              |
| Manganese, Dissolved      | 7439-96-5 | mg/l  | 7800   | 200 | --        | 3.2               |
| Mercury, Dissolved        | 7439-97-6 | mg/l  |        |     | --        | < 0.08 U          |
| Molybdenum, Dissolved     | 7439-98-7 | mg/l  |        |     | --        | 1.3               |
| Nickel, Dissolved         | 7440-02-0 | mg/l  | 330    | 200 | --        | 1.3               |
| Potassium, Dissolved      | 7440-09-7 | mg/l  |        |     | --        | 2500              |
| Selenium, Dissolved       | 7782-49-2 | mg/l  |        | 20  | --        | 0.94 J ^          |
| Silver, Dissolved         | 7440-22-4 | mg/l  |        |     | --        | < 0.1 U           |
| Sodium, Dissolved         | 7440-23-5 | mg/l  |        |     | --        | 21000             |
| Thallium, Dissolved       | 7440-28-0 | mg/l  | 1.7    |     | --        | < 0.1 U           |
| Vanadium, Dissolved       | 7440-62-2 | mg/l  | 830    |     | --        | 0.73 J            |
| Zinc, Dissolved           | 7440-66-6 | mg/l  | 50000  |     | --        | 30                |
| Metals, Total             |           |       |        |     |           |                   |
| Aluminum, Total           | 7429-90-5 | mg/l  |        |     | --        | 790               |
| Antimony, Total           | 7440-36-0 | mg/l  |        |     | --        | < 0.4 U           |
| Arsenic, Total            | 7440-38-2 | mg/l  |        |     | --        | 1.1               |
| Barium, Total             | 7440-39-3 | mg/l  |        |     | --        | 110               |
| Beryllium, Total          | 7440-41-7 | mg/l  |        |     | --        | 0.17 J            |
| Cadmium, Total            | 7440-43-9 | mg/l  |        |     | --        | < 0.043 U         |
| Calcium, Total            | 7440-70-2 | mg/l  |        |     | --        | 60000             |
| Chromium, Total           | 7440-47-3 | mg/l  |        |     | --        | < 1 U             |
| Cobalt, Total             | 7440-48-4 | mg/l  |        |     | --        | 0.88              |
| Copper, Total             | 7440-50-8 | mg/l  |        |     | --        | 4.8               |
| Iron, Total               | 7439-89-6 | mg/l  |        |     | --        | 590               |
| Lead, Total               | 7439-92-1 | mg/l  |        |     | --        | 3.5               |
| Magnesium, Total          | 7439-95-4 | mg/l  |        |     | --        | 7900              |
| Manganese, Total          | 7439-96-5 | mg/l  |        |     | --        | 100               |
| Mercury, Total            | 7439-97-6 | mg/l  |        |     | --        | < 0.08 U          |
| Molybdenum, Total         | 7439-98-7 | mg/l  |        |     | --        | 0.96 J            |
| Nickel, Total             | 7440-02-0 | mg/l  |        |     | --        | 1.6               |

Table 1  
 Surfacewater Analytical Data - Region 6  
 Upper Animas River

|                        |            |      |  |  |    |                |
|------------------------|------------|------|--|--|----|----------------|
| Potassium, Total       | 7440-09-7  | mg/l |  |  | -- | <b>2500</b>    |
| Selenium, Total        | 7782-49-2  | mg/l |  |  | -- | <b>0.8 J ^</b> |
| Silver, Total          | 7440-22-4  | mg/l |  |  | -- | < 0.1 U        |
| Sodium, Total          | 7440-23-5  | mg/l |  |  | -- | <b>20000</b>   |
| Thallium, Total        | 7440-28-0  | mg/l |  |  | -- | < 0.1 U        |
| Vanadium, Total        | 7440-62-2  | mg/l |  |  | -- | <b>2.3</b>     |
| Zinc, Total            | 7440-66-6  | mg/l |  |  | -- | <b>110</b>     |
| <b>General</b>         |            |      |  |  |    |                |
| Alkalinity             | STL00171   | mg/L |  |  | -- | <b>95</b>      |
| Chloride               | 16887-00-6 | mg/L |  |  | -- | <b>9.4</b>     |
| Fluoride               | 16984-48-8 | mg/L |  |  | -- | <b>0.27</b>    |
| Nitrate as N           | 14797-55-8 | mg/L |  |  | -- | <b>0.23 H</b>  |
| pH                     | STL00204   | SU   |  |  | -- | <b>8.22 HF</b> |
| Sulfate                | 14808-79-8 | mg/L |  |  | -- | <b>89</b>      |
| Total Dissolved Solids | STL00242   | mg/L |  |  | -- | <b>270</b>     |
| Total Hardness         | STL00009   | mg/L |  |  | -- | <b>180</b>     |
| Total Suspended Solids | STL00161   | mg/L |  |  | -- | <b>190</b>     |

**Bold - Bolded results identify a detected value.**

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

Highlighted cells denote results that exceed the lowest benchmark value



Table 1  
 Surfacewater Analytical Data - Region 6  
 Upper Animas River

| Analyte                   | CAS.NO    | Units |        |     | Location  | LVW-030           |
|---------------------------|-----------|-------|--------|-----|-----------|-------------------|
|                           |           |       |        |     | Sample ID | LVW-030-150811-11 |
|                           |           |       |        |     | Date      | 8/11/2015         |
|                           |           |       |        |     |           |                   |
| Recreationa Agriculture   |           |       |        |     |           |                   |
| Metals, Dissolved I RSL e |           |       |        |     |           |                   |
| Aluminum, Dissolved       | 7429-90-5 | mg/l  | 170000 |     | --        | < 24 U            |
| Antimony, Dissolved       | 7440-36-0 | mg/l  |        |     | --        | < 0.4 U           |
| Arsenic, Dissolved        | 7440-38-2 | mg/l  | 50     | 100 | --        | 0.46 J            |
| Barium, Dissolved         | 7440-39-3 | mg/l  | 33000  |     | --        | 78                |
| Beryllium, Dissolved      | 7440-41-7 | mg/l  | 330    | 100 | --        | < 0.15 U          |
| Cadmium, Dissolved        | 7440-43-9 | mg/l  | 83     | 10  | --        | < 0.043 U         |
| Calcium, Dissolved        | 7440-70-2 | mg/l  |        |     | --        | 59000             |
| Chromium, Dissolved       | 7440-47-3 | mg/l  | 210000 | 100 | --        | < 1 U             |
| Cobalt, Dissolved         | 7440-48-4 | mg/l  | 50     |     | --        | 0.13 J            |
| Copper, Dissolved         | 7440-50-8 | mg/l  | 6700   | 100 | --        | 2.1               |
| Iron, Dissolved           | 7439-89-6 | mg/l  | 120000 |     | --        | < 17 U            |
| Lead, Dissolved           | 7439-92-1 | mg/l  | 200    | 100 | --        | < 0.06 U          |
| Magnesium, Dissolved      | 7439-95-4 | mg/l  |        |     | --        | 7800              |
| Manganese, Dissolved      | 7439-96-5 | mg/l  | 7800   | 200 | --        | 4.5               |
| Mercury, Dissolved        | 7439-97-6 | mg/l  |        |     | --        | < 0.08 U          |
| Molybdenum, Dissolved     | 7439-98-7 | mg/l  |        |     | --        | 1.3               |
| Nickel, Dissolved         | 7440-02-0 | mg/l  | 330    | 200 | --        | 1.2               |
| Potassium, Dissolved      | 7440-09-7 | mg/l  |        |     | --        | 2400              |
| Selenium, Dissolved       | 7782-49-2 | mg/l  |        | 20  | --        | 1.5 J B           |
| Silver, Dissolved         | 7440-22-4 | mg/l  |        |     | --        | < 0.1 U           |
| Sodium, Dissolved         | 7440-23-5 | mg/l  |        |     | --        | 21000             |
| Thallium, Dissolved       | 7440-28-0 | mg/l  | 1.7    |     | --        | < 0.1 U           |
| Vanadium, Dissolved       | 7440-62-2 | mg/l  | 830    |     | --        | 0.71 J            |
| Zinc, Dissolved           | 7440-66-6 | mg/l  | 50000  |     | --        | 35                |
| Metals, Total             |           |       |        |     |           |                   |
| Aluminum, Total           | 7429-90-5 | mg/l  |        |     | --        | 1200              |
| Antimony, Total           | 7440-36-0 | mg/l  |        |     | --        | < 0.4 U           |
| Arsenic, Total            | 7440-38-2 | mg/l  |        |     | --        | 1.1               |
| Barium, Total             | 7440-39-3 | mg/l  |        |     | --        | 110               |
| Beryllium, Total          | 7440-41-7 | mg/l  |        |     | --        | 0.21 J            |
| Cadmium, Total            | 7440-43-9 | mg/l  |        |     | --        | < 0.043 U         |
| Calcium, Total            | 7440-70-2 | mg/l  |        |     | --        | 62000             |
| Chromium, Total           | 7440-47-3 | mg/l  |        |     | --        | < 1 U             |
| Cobalt, Total             | 7440-48-4 | mg/l  |        |     | --        | 1.1               |
| Copper, Total             | 7440-50-8 | mg/l  |        |     | --        | 4.9               |
| Iron, Total               | 7439-89-6 | mg/l  |        |     | --        | 740               |
| Lead, Total               | 7439-92-1 | mg/l  |        |     | --        | 3.5               |
| Magnesium, Total          | 7439-95-4 | mg/l  |        |     | --        | 8100              |
| Manganese, Total          | 7439-96-5 | mg/l  |        |     | --        | 130               |
| Mercury, Total            | 7439-97-6 | mg/l  |        |     | --        | < 0.08 U          |
| Molybdenum, Total         | 7439-98-7 | mg/l  |        |     | --        | 0.91 J            |
| Nickel, Total             | 7440-02-0 | mg/l  |        |     | --        | 1.8               |

Table 1  
 Surfacewater Analytical Data - Region 6  
 Upper Animas River

|                        |            |      |  |  |    |                 |
|------------------------|------------|------|--|--|----|-----------------|
| Potassium, Total       | 7440-09-7  | mg/l |  |  | -- | <b>2600</b>     |
| Selenium, Total        | 7782-49-2  | mg/l |  |  | -- | <b>0.75 J ^</b> |
| Silver, Total          | 7440-22-4  | mg/l |  |  | -- | < 0.1 U         |
| Sodium, Total          | 7440-23-5  | mg/l |  |  | -- | <b>20000</b>    |
| Thallium, Total        | 7440-28-0  | mg/l |  |  | -- | < 0.1 U         |
| Vanadium, Total        | 7440-62-2  | mg/l |  |  | -- | <b>2.8</b>      |
| Zinc, Total            | 7440-66-6  | mg/l |  |  | -- | <b>17 J</b>     |
| <b>General</b>         |            |      |  |  |    |                 |
| Alkalinity             | STL00171   | mg/L |  |  | -- | <b>95</b>       |
| Chloride               | 16887-00-6 | mg/L |  |  | -- | <b>9.1</b>      |
| Fluoride               | 16984-48-8 | mg/L |  |  | -- | <b>0.27</b>     |
| Nitrate as N           | 14797-55-8 | mg/L |  |  | -- | <b>0.17 H</b>   |
| pH                     | STL00204   | SU   |  |  | -- | <b>8.2 HF</b>   |
| Sulfate                | 14808-79-8 | mg/L |  |  | -- | <b>89</b>       |
| Total Dissolved Solids | STL00242   | mg/L |  |  | -- | <b>260</b>      |
| Total Hardness         | STL00009   | mg/L |  |  | -- | <b>190</b>      |
| Total Suspended Solids | STL00161   | mg/L |  |  | -- | <b>370</b>      |

**Bold - Bolded results identify a detected value.**

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

Highlighted cells denote results that exceed the lowest benchmark value

Table 1  
 Surfacewater Analytical Data - Region 6  
 Upper Animas River

| Analyte                   | CAS.NO    | Units |        |     | Location  | MW-020           |
|---------------------------|-----------|-------|--------|-----|-----------|------------------|
|                           |           |       |        |     | Sample ID | MW-020-150811-11 |
|                           |           |       |        |     | Date      | 8/11/2015        |
|                           |           |       |        |     |           |                  |
| Recreationa Agriculture   |           |       |        |     |           |                  |
| Metals, Dissolved I RSL e |           |       |        |     |           |                  |
| Aluminum, Dissolved       | 7429-90-5 | mg/l  | 170000 |     | --        | 41 J             |
| Antimony, Dissolved       | 7440-36-0 | mg/l  |        |     | --        | < 0.4 U          |
| Arsenic, Dissolved        | 7440-38-2 | mg/l  | 50     | 100 | --        | < 0.37 U         |
| Barium, Dissolved         | 7440-39-3 | mg/l  | 33000  |     | --        | 62               |
| Beryllium, Dissolved      | 7440-41-7 | mg/l  | 330    | 100 | --        | < 0.15 U         |
| Cadmium, Dissolved        | 7440-43-9 | mg/l  | 83     | 10  | --        | < 0.043 U        |
| Calcium, Dissolved        | 7440-70-2 | mg/l  |        |     | --        | 64000            |
| Chromium, Dissolved       | 7440-47-3 | mg/l  | 210000 | 100 | --        | < 1 U            |
| Cobalt, Dissolved         | 7440-48-4 | mg/l  | 50     |     | --        | < 0.12 U         |
| Copper, Dissolved         | 7440-50-8 | mg/l  | 6700   | 100 | --        | 2.7              |
| Iron, Dissolved           | 7439-89-6 | mg/l  | 120000 |     | --        | < 17 U           |
| Lead, Dissolved           | 7439-92-1 | mg/l  | 200    | 100 | --        | 0.21 J           |
| Magnesium, Dissolved      | 7439-95-4 | mg/l  |        |     | --        | 8900             |
| Manganese, Dissolved      | 7439-96-5 | mg/l  | 7800   | 200 | --        | 12               |
| Mercury, Dissolved        | 7439-97-6 | mg/l  |        |     | --        | < 0.08 U         |
| Molybdenum, Dissolved     | 7439-98-7 | mg/l  |        |     | --        | 1.4              |
| Nickel, Dissolved         | 7440-02-0 | mg/l  | 330    | 200 | --        | 1.3              |
| Potassium, Dissolved      | 7440-09-7 | mg/l  |        |     | --        | 2300             |
| Selenium, Dissolved       | 7782-49-2 | mg/l  |        | 20  | --        | 1.2 J B          |
| Silver, Dissolved         | 7440-22-4 | mg/l  |        |     | --        | < 0.1 U          |
| Sodium, Dissolved         | 7440-23-5 | mg/l  |        |     | --        | 17000            |
| Thallium, Dissolved       | 7440-28-0 | mg/l  | 1.7    |     | --        | < 0.1 U          |
| Vanadium, Dissolved       | 7440-62-2 | mg/l  | 830    |     | --        | < 0.3 U          |
| Zinc, Dissolved           | 7440-66-6 | mg/l  | 50000  |     | --        | < 2.8 U          |
| Metals, Total             |           |       |        |     |           |                  |
| Aluminum, Total           | 7429-90-5 | mg/l  |        |     | --        | 230              |
| Antimony, Total           | 7440-36-0 | mg/l  |        |     | --        | < 0.4 U          |
| Arsenic, Total            | 7440-38-2 | mg/l  |        |     | --        | 0.62 J           |
| Barium, Total             | 7440-39-3 | mg/l  |        |     | --        | 66               |
| Beryllium, Total          | 7440-41-7 | mg/l  |        |     | --        | < 0.15 U         |
| Cadmium, Total            | 7440-43-9 | mg/l  |        |     | --        | 0.078 J          |
| Calcium, Total            | 7440-70-2 | mg/l  |        |     | --        | 63000            |
| Chromium, Total           | 7440-47-3 | mg/l  |        |     | --        | < 1 U            |
| Cobalt, Total             | 7440-48-4 | mg/l  |        |     | --        | 0.24 J           |
| Copper, Total             | 7440-50-8 | mg/l  |        |     | --        | 4.2              |
| Iron, Total               | 7439-89-6 | mg/l  |        |     | --        | 370              |
| Lead, Total               | 7439-92-1 | mg/l  |        |     | --        | 5.2              |
| Magnesium, Total          | 7439-95-4 | mg/l  |        |     | --        | 8800             |
| Manganese, Total          | 7439-96-5 | mg/l  |        |     | --        | 58               |
| Mercury, Total            | 7439-97-6 | mg/l  |        |     | --        | < 0.08 U         |
| Molybdenum, Total         | 7439-98-7 | mg/l  |        |     | --        | 1                |
| Nickel, Total             | 7440-02-0 | mg/l  |        |     | --        | 1                |

Table 1  
 Surfacewater Analytical Data - Region 6  
 Upper Animas River

|                        |            |      |  |  |    |                   |
|------------------------|------------|------|--|--|----|-------------------|
| Potassium, Total       | 7440-09-7  | mg/l |  |  | -- | <b>2300</b>       |
| Selenium, Total        | 7782-49-2  | mg/l |  |  | -- | <b>0.94 J ^ B</b> |
| Silver, Total          | 7440-22-4  | mg/l |  |  | -- | < 0.1 U           |
| Sodium, Total          | 7440-23-5  | mg/l |  |  | -- | <b>16000</b>      |
| Thallium, Total        | 7440-28-0  | mg/l |  |  | -- | < 0.1 U           |
| Vanadium, Total        | 7440-62-2  | mg/l |  |  | -- | <b>0.46 J</b>     |
| Zinc, Total            | 7440-66-6  | mg/l |  |  | -- | <b>25</b>         |
| <b>General</b>         |            |      |  |  |    |                   |
| Alkalinity             | STL00171   | mg/L |  |  | -- | <b>87</b>         |
| Chloride               | 16887-00-6 | mg/L |  |  | -- | <b>12</b>         |
| Fluoride               | 16984-48-8 | mg/L |  |  | -- | <b>0.33</b>       |
| Nitrate as N           | 14797-55-8 | mg/L |  |  | -- | < 0.023 U         |
| pH                     | STL00204   | SU   |  |  | -- | <b>8.37 HF</b>    |
| Sulfate                | 14808-79-8 | mg/L |  |  | -- | <b>100</b>        |
| Total Dissolved Solids | STL00242   | mg/L |  |  | -- | <b>270</b>        |
| Total Hardness         | STL00009   | mg/L |  |  | -- | <b>190</b>        |
| Total Suspended Solids | STL00161   | mg/L |  |  | -- | <b>36</b>         |

**Bold - Bolded results identify a detected value.**

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

Highlighted cells denote results that exceed the lowest benchmark value

Table 1  
 Surfacewater Analytical Data - Region 6  
 Upper Animas River

| Analyte                   | CAS.NO    | Units |        |     | Location  | NSW-020           |
|---------------------------|-----------|-------|--------|-----|-----------|-------------------|
|                           |           |       |        |     | Sample ID | NSW-020-150811-11 |
|                           |           |       |        |     | Date      | 8/11/2015         |
|                           |           |       |        |     |           |                   |
| Recreationa Agriculture   |           |       |        |     |           |                   |
| Metals, Dissolved I RSL e |           |       |        |     |           |                   |
| Aluminum, Dissolved       | 7429-90-5 | mg/l  | 170000 |     | --        | 38 J              |
| Antimony, Dissolved       | 7440-36-0 | mg/l  |        |     | --        | < 0.4 U           |
| Arsenic, Dissolved        | 7440-38-2 | mg/l  | 50     | 100 | --        | 0.38 J            |
| Barium, Dissolved         | 7440-39-3 | mg/l  | 33000  |     | --        | 65                |
| Beryllium, Dissolved      | 7440-41-7 | mg/l  | 330    | 100 | --        | < 0.15 U          |
| Cadmium, Dissolved        | 7440-43-9 | mg/l  | 83     | 10  | --        | < 0.043 U         |
| Calcium, Dissolved        | 7440-70-2 | mg/l  |        |     | --        | 62000             |
| Chromium, Dissolved       | 7440-47-3 | mg/l  | 210000 | 100 | --        | < 1 U             |
| Cobalt, Dissolved         | 7440-48-4 | mg/l  | 50     |     | --        | 0.12 J            |
| Copper, Dissolved         | 7440-50-8 | mg/l  | 6700   | 100 | --        | 2.8               |
| Iron, Dissolved           | 7439-89-6 | mg/l  | 120000 |     | --        | < 17 U            |
| Lead, Dissolved           | 7439-92-1 | mg/l  | 200    | 100 | --        | 0.14 J            |
| Magnesium, Dissolved      | 7439-95-4 | mg/l  |        |     | --        | 8800              |
| Manganese, Dissolved      | 7439-96-5 | mg/l  | 7800   | 200 | --        | 11                |
| Mercury, Dissolved        | 7439-97-6 | mg/l  |        |     | --        | < 0.08 U          |
| Molybdenum, Dissolved     | 7439-98-7 | mg/l  |        |     | --        | 1.1               |
| Nickel, Dissolved         | 7440-02-0 | mg/l  | 330    | 200 | --        | 1.6               |
| Potassium, Dissolved      | 7440-09-7 | mg/l  |        |     | --        | 2300              |
| Selenium, Dissolved       | 7782-49-2 | mg/l  |        | 20  | --        | 1.4 J B           |
| Silver, Dissolved         | 7440-22-4 | mg/l  |        |     | --        | < 0.1 U           |
| Sodium, Dissolved         | 7440-23-5 | mg/l  |        |     | --        | 13000             |
| Thallium, Dissolved       | 7440-28-0 | mg/l  | 1.7    |     | --        | < 0.1 U           |
| Vanadium, Dissolved       | 7440-62-2 | mg/l  | 830    |     | --        | < 0.3 U           |
| Zinc, Dissolved           | 7440-66-6 | mg/l  | 50000  |     | --        | 3 J               |
| Metals, Total             |           |       |        |     |           |                   |
| Aluminum, Total           | 7429-90-5 | mg/l  |        |     | --        | 180 J             |
| Antimony, Total           | 7440-36-0 | mg/l  |        |     | --        | < 0.4 U           |
| Arsenic, Total            | 7440-38-2 | mg/l  |        |     | --        | 0.37 J            |
| Barium, Total             | 7440-39-3 | mg/l  |        |     | --        | 67                |
| Beryllium, Total          | 7440-41-7 | mg/l  |        |     | --        | < 0.15 U          |
| Cadmium, Total            | 7440-43-9 | mg/l  |        |     | --        | 0.093 J           |
| Calcium, Total            | 7440-70-2 | mg/l  |        |     | --        | 62000             |
| Chromium, Total           | 7440-47-3 | mg/l  |        |     | --        | < 1 U             |
| Cobalt, Total             | 7440-48-4 | mg/l  |        |     | --        | 0.2 J             |
| Copper, Total             | 7440-50-8 | mg/l  |        |     | --        | 4                 |
| Iron, Total               | 7439-89-6 | mg/l  |        |     | --        | 380               |
| Lead, Total               | 7439-92-1 | mg/l  |        |     | --        | 5.1               |
| Magnesium, Total          | 7439-95-4 | mg/l  |        |     | --        | 8700              |
| Manganese, Total          | 7439-96-5 | mg/l  |        |     | --        | 46                |
| Mercury, Total            | 7439-97-6 | mg/l  |        |     | --        | < 0.08 U          |
| Molybdenum, Total         | 7439-98-7 | mg/l  |        |     | --        | 1                 |
| Nickel, Total             | 7440-02-0 | mg/l  |        |     | --        | 0.98 J            |

Table 1  
 Surfacewater Analytical Data - Region 6  
 Upper Animas River

|                        |            |      |  |  |    |                |
|------------------------|------------|------|--|--|----|----------------|
| Potassium, Total       | 7440-09-7  | mg/l |  |  | -- | <b>2200</b>    |
| Selenium, Total        | 7782-49-2  | mg/l |  |  | -- | < 0.58 U       |
| Silver, Total          | 7440-22-4  | mg/l |  |  | -- | < 0.1 U        |
| Sodium, Total          | 7440-23-5  | mg/l |  |  | -- | <b>13000</b>   |
| Thallium, Total        | 7440-28-0  | mg/l |  |  | -- | < 0.1 U        |
| Vanadium, Total        | 7440-62-2  | mg/l |  |  | -- | <b>0.36 J</b>  |
| Zinc, Total            | 7440-66-6  | mg/l |  |  | -- | <b>21</b>      |
| <b>General</b>         |            |      |  |  |    |                |
| Alkalinity             | STL00171   | mg/L |  |  | -- | <b>92</b>      |
| Chloride               | 16887-00-6 | mg/L |  |  | -- | <b>11</b>      |
| Fluoride               | 16984-48-8 | mg/L |  |  | -- | <b>0.32</b>    |
| Nitrate as N           | 14797-55-8 | mg/L |  |  | -- | < 0.023 U      |
| pH                     | STL00204   | SU   |  |  | -- | <b>8.31 HF</b> |
| Sulfate                | 14808-79-8 | mg/L |  |  | -- | <b>88</b>      |
| Total Dissolved Solids | STL00242   | mg/L |  |  | -- | <b>250</b>     |
| Total Hardness         | STL00009   | mg/L |  |  | -- | <b>190</b>     |
| Total Suspended Solids | STL00161   | mg/L |  |  | -- | <b>26</b>      |

**Bold - Bolded results identify a detected value.**

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

Highlighted cells denote results that exceed the lowest benchmark value

|   |      |   |
|---|------|---|
| Bold - Bolded   | Bold | Bolded results identify a detected value.   |
| J - Data Estimated  | J    | Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL) |
| MDL - Method Detection Limit  | MDL  | Method Detection Limit  |
| PQL - Practical Quantitation Limit  | PQL  | Practical Quantitation Limit, also known as reporting limit.                                    |
| U - Analyte not detected at or above MDL qualifier                          | U    | Analyte not detected at or above MDL qualifier  |
| D - Diluted value   | D    | Diluted value qualifier.  |
| mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg. | mg/L | Parts per million (milligrams per liter). Solids equivalent = mg/Kg.                            |
| ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg  | ug/L | Parts per billion (micrograms per liter). Solids equivalent = ug/Kg                             |